THE PANAMA CANAL RECORD VOLUME 33

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THE PANAMA CANAL RECORD

PUBLISHED MONTHLY UNDER THE AUTHORITY AND SUPER-VISION OF THE PANAMA CANAL

AUGUST 15, 1939 TO JULY 15, 1940



THE PANAMA CANAL BALBOA HEIGHTS, CANAL ZONE 1940

THE PANAMA CANAL PRESS MOUNT HOPE, CANAL ZONE 1940

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Balboa Heights, C. Z., August 15, 1939

No. 1

Traffic Through the Panama Canal in July 1939

The total vessels of all kinds transiting the Panama Canal during the month of July 1939, and for the same month in the two preceding years, are shown in the following tabulation:

		July 1939	July		
	Atlantic to Pacific	Pacific to Atlantic	Total	1938	1937
Ocean-going commercial traffic. Small commercial vessels ¹ . Noncommercial vessels:	268 44	217 34	435 78	429 80	457 62
United States Government Colombian Government For repairs	26	18	44	23 4 3	44 1 1
Total	338	269	607	539	565

¹ Vessels under 300 net tons, Panama Canal measurement

OCEAN-GOING COMMERCIAL TRAFFIC 2

The following tabulation shows the number of vessels, Panama Canal net tonnage. tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the 12-month period ended July 31, 1939, as compared with the 12month period ended July 31, 1938:

Month		. of sels	Panama Canal net tonnage		Tons of cargo		То	lls
	1938-9	1937-8	1938-9 3	1937-8 4	1938-9	1937-8	1938-9	1937-8
August September October November December January February March April May June July June July	468 438 494 505 509 525 501 553 496 506 479 485	505 444 461 435 439 444 436 506 487 465 445 429	2,177,699 2,005,241 2,276,194 2,302,333 2,336,011 2,380,916 2,282,318 2,586,580 2,278,326 2,341,894 2,268,679 2,254,398	2,402,000 2,139,000 2,182,000 2,110,000 2,070,000 2,053,000 1,993,000 32,311,526 32,258,S36 32,150,228 32,064,793 31,933,816	2,171,674 1,998,464 2,359,673 2,223,830 2,374,395 2,393,360 2,206,963 2,664,068 2,472,504 2,538,949 2,437,087 2,317,697	2,780,603 2,385,142 2,438,783 2,185,283 2,185,283 2,046,170 2,095,402 2,268,548 2,279,235 2,309,171 2,122,389 2,025,660	\$1,890,050.74 1,741,895.46 1,977,706.76 1,984,014.72 2,031,017.04 2,062,454.16 1,996,735.66 2,252,156.28 1,999,851.16 2,053,502.16 1,977,431.94 1,974,380.72	\$2,195,308.87 1,935,673.78 1,981,087.87 1,893,462.00 1,845,048.20 1,837,894.72 1,786,611.45 2,015,585.34 1,961,456.58 1,806,225.66 1,801,291.78 1,694,205.00
Total	5,959	5,496	27,490,589	25,668,199	28,158,664	26,935,218	23,941,196.80	22,834,451.25

² Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons and over, Panama Canal measurement.

3 Panama Canal net tonnage as figured under rules which became effective March 1, 1938.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of July 1939. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic.

,	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	5 44	1,320	\$1,806.04	341
Pacific to Atlantic	34	1,464	1,294.56	1,511
Total	5 78	2,784	3,100.60	1,852

⁵ Includes 4 naval vessels with a total of 1,532 displacement tons.

⁴ Estimated tonnage under rules which became effective March 1, 1938.

Traffic by Nationality of Vessels 6 for July 1939

Nationality		Panama Canal net tonnage	Tolls	Tons of cargo
British Chilean Danish French German Greek Honduran Italian Japanese Netherlands Norweigan Panamanian Philippine Soviet Swedish United States Yugoslav Valvasa	109 2 18 9 28 12 4 4 21 21 1 7 8 14 15 2	584,063 10,029 79,260 37,048 115,591 58,539 6,486 25,685 121,284 75,267 218,243 45,012 4,805 10,449 65,689 761,900	\$505,561.86 9,026.10 69,755.76 33,343.20 104,031.90 49,150.08 5,837.40 23,116.50 107,912.70 67,478.40 188,137.62 37,423.44 4,324.50 12,221.60 56,727.54 670,390.74 20,941.38	504,398 3,729 78,374 32,460 120,368 58,302 3,247 19,045 146,992 78,729 253,033 42,450 2,622 14,356 111,897 806,142 41,553
Total	485	2,254,398	1,974,380.72	2,317,697

⁶ Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. ⁷ Includes 3 naval vessels of 5,635 displacement tons.

Traffic by Trade Routes for July 1939

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo is frequently laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

		Atlantic to P	acific	Pacific to Atlantic		
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal. East coast United States and:	60	295,230	204,514	53	271,770	369,608
Canada Central America/Mexico	1 4	2,707 6,409	3,905 8,027	3	4,824	1,054
Sonth America Hawaiian Islands	17	70,865 13,115	15,555 7,375	16	70,732 29,520	178,212 52,478
Australasia Philippine Islands	6	30,989 65,418	34,350 60,249	12	65,845	88.486
Far Éast	25	124,833	193,748	4	24,256	18,226
Canada intercoastal	2	9,753	7,736	1	5,471	8,677
United States. Australasia	3	20,168 19,591	17,052 14,821	3	16,716	9,709
Philippine Islands Far East	2	9,069	14,593	1	5,218	8,270
Far East. Central America/Mexico intercoastal. South America intercoastal	1 5	6,264 6,606	12,227 3,339	2	6,676	
East coast South America and: United States		, ,,,,,,,,	,,,,,,	1	4,551	5,580
Canada Philippine Islands	1	4,070	3,168	1	5,425	10,327
Far East Cristobal and:	2	10,348	10,625			10,527
Central America/Mexico	5	3,438	3,580	4	2,692	3,102
South America West Indies and:	17	10,618	5,071	17	11,458	7,642
United States Canada	4	23,323 2,965	4,000	7	41,713	82,523
South America Balboa	4 2	$16,596 \\ 7,352$	12,809 13,019	···· i	1,455	
Europe and: United States	10	48,059	21,215	s	35,976	57.246
Canada South America	43 15	235,969 82,988	40,866 $41,239$	33 28	171,589 150,669	267,462 221,063
Hawaijan Islands Australasia	1 8	3,675 61,998	3,521 31,787	12	83,231	88,522
Far East Egypt and South America	5 1	10,449 4,273	14,356 974	3	16,165	20,934
Vessels not engaged in commerce.	8 3	14,636	7,172	1	6,672	7,683
Total	268	1,221,774	810,893	217	1,032,624	1,506,804

⁸ Naval vessels.

Origin and Destination of Cargo by Major Areas, July 1939

The following table summarizes the origin of cargo passing through the Canal in July 1939, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

	Tons of cargo destined for—						
Origin	United States	Other North America	Asia	South America	Austral- asia	Total	
North America: United States. Other North America. Europe. Miscellaneous.	209,787 20,590 42,604 4,929	17,664 43,379 19,057 241	$\begin{array}{c} 259,402 \\ 9,043 \\ 14,356 \\ 10,462 \end{array}$	14,494 28,224 32,039 3,664	37,255 11,930 31,046 727	538,602 113,166 139,102 20,023	
Total	277,910	80,341	293,263	78,421	80,958	810,893	

PACIFIC TO ATLANTIC

Origin	United States	Other North America	Europe	Miscel- laneous	Total
North America: United States. Canada. Other North America South America. Australasia. Asia. Total.	365,216 53,137 176,309 4,912 121,418 720,992	91,373 7,233 3,497 10,694 4,992 2,906	131,014 191,044 1,525 219,812 88,327 20,036	6,936 4,064 102 2,257 13,359	594,539 202,341 58,159 406,917 98,231 146,617 1,506,804

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during July 1939 or July 1938 are listed below:

G	Ju	ly	Commodity	Ju	ıly	
Commodity	1939 1938		Commodity	1939	1938	
Atlantic to Pacific Automobiles and parts Cement Coal and coke. Cotton, raw Iron and steel Machinery Mannfactured goods Metals, various. Oils, mineral Ores Paper and paper products Phosphate Scrap metal. Sulphur. Tinplate. Pacific to Atlantic Asphalt and tar Barley Beans, edible, dry. Canned food products.	22,356 11,350 17,819 8,844 120,956 15,968 22,366 13,397 80,650 23,800 25,407 110,596 26,331 23,095	17, 813 9, 951 9, 035 13, 663 115, 869 11, 972 14, 400 21, 844 61, 501 2, 074 34, 936 2, 697 67, 898 13, 690 13, 722	Pacific to Atlantic—Continued Coffee. Cold storage (food products) 9 Copra Cotton, raw Flour Fruit, dried Fruit, fresh 10 Lumber Metals, various Nitrate. Oils, mineral Oils, wegetable Ores Phosphate Potash Soy heans Sugar Wheat Wood pulp Wood	9,851 28,943 16,352 13,226 5,802 13,020 9,916 281,763 47,942 107,671 232,310 9,469 163,671 35,948 11,138 10,216 146,209 120,752 19,894 10,172	14,465 27,616 9,643 14,113 13,718 17,134 36,379 212,388 62,851 80,714 239,454 10,781 193,902 8,000 3,722 24,823 25,818 45,709 14,377 8,652	

⁹ Except fresh fruit. 10 Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of July 1939, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodite		l States coastal	Total for routes in U. S. inte	
Commodity	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
tireraft and parts.				43
Agricultural implements Alfalfa meal	455	49 469	1,948 142	6 83
mmonium compounds	239		5,579	
nimal foods 11	75 102	54	99 102	5 3
\sbestos	727		4,524	0
sphalt and tar	333	10,964	5,347 12,346	11,57
Lutomobile parts and accessories.	3,160 877	117	10,010	1 15
Bags and bagging, textile	322	93	611	9
amboo and productsananas			10	$\frac{18}{1,64}$
arks, miscellaneous		116		71
arley eans, edible, dry		3,147	73	10,54 7,44
eer		0,171	244	7,44
slood and tankage			48	40
ones and bone meal. looks and printed matter.	8		625	43
Borax	85	626	325	4,23
Bran and pollardsBricks and tile	233	36 17	18 928	98
Camphor, crude Canned and preserved goods:				3
Canned and preserved goods: Fish	138	7,012	389	0.0*
Fruit	1,681	16,348	1,786	9,07 39,94
Meat.	73	106	302	90
Milk Soup	2,030	208 225	728 2,195	29
Vegetables Miscellaneous and unclassified	128	7,558	157	8,0
		5,200	2,204	6,2
Carbon black. Celite		400	619	10
Cement	646		11,350	1
Chalk Charcoal			1,137 248	
Chemicals 11	4,197	456	9,949	1,0
Clay, china and fire	1.642	378 71	3,249	70
Clay, filtering. Coal		71	95 13,171	
Cocoa and cacao beans	365		632	1.03
Coconuts and products ¹¹	101 333	1,020	108 6,718	2,19
Coke	284		4,648	9,8
Cold storage and refrigerated products:	0.1	22		0.4
Dairy products Eggs.	61 32	31	298 32	9,4
Fish	15		63	8
Lard. Meats.		50	166 235	17,55
Poultry		201	200	20
Vegetables Other and unclassified	23	62	25	19
Confectionery.	1,195		21 1,200	:
Copra		89		16,3
Corn		306	6,924 8,844	13,2
Creosote	11		7,015	
Drugs and medicines		85	2,684	!
Earthenware		18	177 32	
Eggs, dried				
Electrical apparatus and appliances. Enamelware and metalware.	1,750 643	440 10	2,639 1,022	5:
Explosives	58		479	-
Extract, quebracho			743	
Fertilizers 11. Fish, salted or dry-cured	100		2,009	1
ish meal	10	1 100	30	9:
Floor coverings		1,188 4,705	2,096 6,219	1,30 5,80
Fruit, dried	1	5,294	32	13,0
Fruit, fresh ¹¹ . Furniture and houschold goods.	527	5,282 373	9	9,9
Gallnuts	1		563	3'
General Glass and glassware	15,344	4,134	47,440	12,36
dass and glassware	2,027	59 134	4,958 79	60
Grains 11.	1 .0	101	20	1,1

¹¹ Except as otherwise classified.

a weaking		States oastal	routes i	all trade acluding ercoastal
Commodity .	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Groceries	1,811	257	2,955	1,222 4,700
Guano Gums Hair, all kinds	105	51 91	105	4,700 72 409
Hay Hemp, unmanufactured	2	549 90	23	844 2,275
Honey Hops. Horns and hoofs.		183	8	251 4
Horns and hoofs. Infusorial earth. Iron and steel, manufactures of (structural steel, plates, bars, angles,		454		129 1,145
nine etc.)	65,070	305	120,956	758
Ivory nuts. Jute, unmanufactured. Lard, substitute	4 499		11 158 534	1,606
Lime.	1,654	133	359 3,492	170
Liquors. Lumber (including manufactured mill products) Machinery	1,246 1,948	127,930 542	3,307 15,968	281,763 850
Malt Manufactured goods ¹¹ Marble and granite	9,462	2,336	222,366	3,670
Matches. Metals:	31 242	70	186 285	70
Copper	393	4,027	2,720	30,007 69
Iron Lead	90 89	240	5,252 1,340	12,358
Tin. Zine Other and unclassified.	594 146	356	671 393	666 4,756
Other and unclassified. Milk, powdered. Molasses and syrups.	449 262	562	3,021	86 664
Molasses and syrups Nitrate. Nuts, edible (including meats)	5,831	139	7,832 169	1,351 107,671 74
Oats. Oils, mineral;	41		64	6,744
Crude. Gas and fuel. Gasoline, benzine, and naphtha.	2	30,248 33,399	6,321 33,074	41,415 111,307
Nerosene	331	35,952 661	8,342 508	69,776 9,323
Lubricating and greases. Other and unclassified. Oils, vegetable:	11,168 145	289	32,216 189	489
Coconut. Linseed	57	450 76	80 77	$\frac{4,756}{76}$
Olive Teaseed	23	12	190	22 62
Wood Other and unclassified.	103	41	$\frac{10}{482}$	680 3,873
Oil, fish Oil, whale O isceds (cotton, flax, hemp, sesame, rapeseed, etc.)	237	759 23	308 25 1,795	1,663
Oilseed cake and meal	1,952		1,795	7,288
Antimony	400		400	1,518 2,000
Copper. Gold and silver.		1,059	17,794 3	10,904 7,489
Iron. Lead			226	125,150 3,475
Magnesite. Manganese Tin	2,087	250 148 7	2,725	1,260 1,125 4,597
Zinc Other and unclassified.	45 18	91	156 2,496	2.831
Paints and varnishes Paper and paper products 11.	1,339 10,000	209 6,589	3,056 25,407	3,322 268 7,765
Peanuts	543	79	543	1,505 2,087
Peatmoss. Phosphates.	340	98	1,296 38,871	35,948
Plaster Poreelainware Potash	36 327	54 3,586	322 882 3,651	2,116 11,138
Rags and waste Railroad material.	173 47	81	3,098 9,090	402 25
Rice	324 455	335 64	324 568	2,159 170
Rosin.		18	3,416	125

¹¹ Except as otherwise classified.

Commodity	United	l States oastal	Total for routes in U. S. int	ncluding
Commounty	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rubber: Manufactured Raw	1,108	241	1,595	256 1.659
Serap. Salt.	23 179 500	250	3,932 8,305	22 250 200
Sand. Serap metal. Seeds (except oilseeds).	63 12 248	204 41	4,075 110,596 149	1,223 1,884
Shells, oyster Silk, raw Skins and hides	248	163 1,916	248 1 538	453 1,733 5,813
Slag Slate Soaps and products	2,270 1,937	75	$\begin{array}{c} 60 \\ 2,270 \\ 2,267 \end{array}$	233
Soda and sodium compounds: Soda ash. Soda, caustic Miscellaneous and unclassified.	143 532 393		637 2,614 436	676 158 99
Soy beans Spices	25 260 39	10,538	25 307 8,173	10,216 115 146,209
Sugar Sulphur Tale Tallow	13,200 27 37	36 27 700	26,931 27 97	117 121 3.759
Tea. Textiles 12 Tinplate.	75 3,863 4,511	54	215 9,445 23,095	663 2,855 36
Tohacco and manufactures. Toilet preparations. Turpentine	480 483 338	97	4,209 516 685	416 265
Vegetables, dry ¹¹ Wall board Wax, paraffin	562 45	11	1,035 606	889 475 225
Wheat Wines Wood pulp	28 136 1,326	18 1,176 15,485	280 797 5,074	120,752 5,455 19,894
Wool. Total, July 1939.	209,787	365,216	12 810,893	10,172
Total, July 1938.	174,245	332,803	623,014	1,402,646
Total, July 1937	218,973	433,275	1,036,316	1,440,050

¹¹ Except as otherwise classified. 12 Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of July 1939:

		Atlantic to Pa	cific	Pacific to Atlantic				
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo		
United States intercoastal East coast United States and:	8	49,085	6,278	10	61,059	14 111,194		
Hawaiian Islands		3,753		1	6,905			
Central America/Mexico intercoastal South America intercoastal	1	6,264	12,227	1	6,224			
West Indies and: United StatesSouth America	3 4	18,799 16,596	12.809	7	41,713	82,523		
Balboa	$\hat{2}$	7,352	13,019	1	1,455			
United States	4 1	25,192 6,719	13 6,993	1 3	5,137 19,429	8,762 40 ,256		
Total	24	133,760	51,326	24	141,922	242,735		

¹³ Creosote. 14 Includes 10,934 tons of cuthack asphalt.

Comparison of Canal Traffic in July 1939, with July Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

		Month of J	uly		Averag	e per month fo	r fiscal year
Calendar year	No. of transits	Panama Canal net tonnage	Tons of cargo	Fiscal year	No. of transits	Panama Canal net tonnage	Tons of cargo
1915 1916 1917 1918 1919 1920 1920 1922 1922 1923 1924 1925 1926 1927 1929 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	15 160 137 174 161 153 216 195 248 465 412 403 445 492 492 512 473 394 299 382 394 299 492 492 492 492 492 492 493 495 495 495 495 495 495 495 495 495 495	(000 omitted) 501 445 445 4472 791 1 749 1 ,043 2 ,136 1 ,882 4 1 ,992 2 ,225 2 ,143 2 ,289 2 ,251 1 ,594 2 ,014 1 ,883 2 ,188 2 ,118 5 1 ,934 2 ,254	(000 omitted) 7115 623 664 584 568 866 709 1,211 2,338 2,097 1,960 2,185 2,449 2,291 2,597 1,865 1,259 1,698 1,934 1,778 2,450 2,476 2,476 2,476 2,476 2,476 2,476 2,476 2,318	1915. 1916. 1917. 1918. 1919. 1920. 1922. 1922. 1924. 1925. 1929. 1930. 1931. 1932. 1933. 1934. 1935. 1936. 1937. 1938. 1938. 1939. 1939. 7 mos. cal. yr. 1939.	16 100 600 145 165 162 199 282 222 325 325 429 382 424 441 521 524 450 447 347 436 432 449 449 460 492 506	(000 omitted) 334 184 447 506 472 659 879 880 1,434 2,016 1,761 1,909 2,299 2,299 2,299 2,299 2,210 2,110 2,110 2,110 2,110 2,110 2,110 2,110 2,110 2,143	(000 omitted) 466 558 558 588 627 576 781 966 907 1,631 2,249 1,996 2,109 2,311 2,468 2,554 2,552 2,089 1,550 2,109 2,209 2,312 2,252 2,322 2,322 2,322 2,322

¹⁵ Canal opened August 15, 1914.

Terminal Activities

Ships repaired during the month of July 1939, numbered 49. Vessels released from drydock numbered 7. Fuel oil amounting to 290,255 barrels was delivered as bunkers to 133 commercial vessels. Bunker coal amounting to 4,772 tons was delivered to 21 commercial ships. Sales of commissary supplies to ships aggregated \$48,088.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving tons Local cargo shipped tons Cargo received for transshipment tons Cargo transshipped tons	24,034 2,756 43,298 45,316	14,314 1,387 876 859	38,348 4,143 44,174 46,175
"Canal Zone for Orders" eargo: Number of receipts issued. Number of releases issued. Tons received. Tons withdrawn.	29	12	8 41 50 50

All Vessels Entering and Clearing Port

		Port of Cris	tobal		Port of Bal	lboa
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering All vessels, including those transiting Canal Vessels entering port but not transiting Canal Vessels transiting Canal and handling passen-	59	3,334,809 359,166	1,987,515 195,152	521 9	3,023,203 38,686	18,205,73 23,740
gers and cargo at terminal ports	168	1,019,506	616,961	129	825,275	497,941
Ships clearing All vessels, including those transiting Canal Vessels clearing port but not transiting Canal Vessels transiting Canal and handling passengers and cargo at terminal ports		3,328,896 360,224 994,251	1,983,098 196,232 602,150	525 12 128	3,020,645 40,855 816,850	1,818,021 24.808 492,672

¹⁶ Average for 10½ months.

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight July 10, 1939, to midnight August 10, 1939. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTORAL.

Erria, 13, 0 Real, 0, 31 Goyo Maru, 286, 0 Contessa, 583, 482 City of Norfolk, 281, 0
 City of Norfolk, 281, 0 Acajutla, 784, 1,036
 187½

 Pacific, 35, 394
 Emma Bakke, 43, 915
 Vermont, 121, 0

 Trois Ilets, 70, 0
 Oropesa, 39½, 13
 Wyoming, 323, 272

 Edwin Christenson, 249, 0
 Cefalu, 543, 441
 Caribia, 104, 9

 Santa Barbara, 379, City of Baltimore, 184, City of Newport News, 10½
 0
 123, 0

 10½
 123, 0
 123, 0
 0 123, 0 Laurits Swenson, 37, Komaki Maru, 0,1pkg. 10½ Cadmus, 0, 74 Platano, 814, 8 Sagittaire, 1, 0 Rufina, 4,225, 0 Hannover, 79, 1,075 108 Sagittaire, 1, 0
Rufina, 4,225, 0
Rufina, 4,225, 0
Real, 0, 51
Rannover, 79, 1,075
San Francisco, 1,154, Ancon, 2,234, 777
Alkmaar, 246, 894
Peter Kerr, 193, 2½
Cuba, 131, 10
American Press, 626, 1,130
Veragua, 278, 491
Leipzig, 87, 638
Rhein, 110, 0
Mostrun, 2½, 0
Cerigo, 363, 366
Clio, 129, 190
Colombia, 781, 434
Pereira, \$20½, 576
Douro, 220, 187
Drochtdijk, 294, 267
Rialto, 329, 309
Vancouver, 129, 158
Ulua, 505, 123
Ancon (old), 2,085, 673
Leme, 143, 0
Santa Rita, 470, 58
Cuba, 0, 1,556
Kagu Maru, 385, 0
Yamabiko Maru, 617, 532
Simon Bolivar, 80, 35
Simon Bolivar, 80, 35
Nero, 282, 221
Laura Maersk, 262, 401
Vankee Arrow, 12,720, 10
Valence, 0, 1,556
Vankee Arrow, 12,720
Valence, 0, 1,556
Vale Dinteldijk, 157, 190 Real. 0, 51 Laura Maersk, 262, 401 Yankee Arrow, 12,720, Kaikoura, 90, 9 Ouirigna, 13, 93 Quirigna, 13, Santa Rosa, 95, 459 Portland, 393, 227

Margaret Johnson, 100, Sorholt, 69, 0 Sorholt, 69, 0 Damsterdijk, 294, 68 Tuyama Maru, 32½, 0 Contessa, 744, 359 Castana, 7,302, 0 Muenchen, 307, 1,235 Santa Clara, 276, 2 Panama, 4,629, 731 Planter, 135, 0 Choluteca, 128, 131 Santa Barbara, 430, 196 Lochavon, 484, 17 Bogota, 748, 464 Barneveld, 103, 138 Barneveld, 103, 138 Musa, 1,626, 8 Pasajero, 0, 1 Talamanca, 290, 120½ John Cabot, 762, 596 Leikanger, 33, 0 Madoera, 208, 0 Balboa, 90, 132 Colombia, 0, 139 Reina del Pacifico, 49, Kimikawa Maru, 865, 40 Clio, 461, 350 Alaska, 16, 530 Toloa, 425, 170 Raranga, 53, 0

Remuera, 60 lbs., 0 Sambu, 0, 206 Utacarbon, 1,512, 0 Commissaire Ramel, 1. 14
De La Salle, 91, 352
Rufina, 4,112, 0
Knute Nelson, 5, 355
San Marcos, 290, 4
Veragua, 30, 171
Steelore, 9,997, 0
Santa Elena, 167, 368
A A Radjum ± 0 Santa Elena, 167, 368 A. A. Radium, ½, 0 Canada, 44, 150 Caribia, 28, 833 Nako Maru, 110, 57 Cefalu, 382, 368 Santa Maria, 480, 5 West Xilus, 115, 245 Maui, 898, 3 Orbita, 72, 959 Nevada, 713, 0 Patria, 166, 500 Dresden, 147, 925 Baarn, 427, 612 Salvador, 842, 598 Abangarez, 1,024, 1 Salvador, 842, 598 Abangarez, 1,024, 1 Yomachichi, 74, 0 Cadmus, 2, 333, 2 Quirigua, 224, 728 Santa Inez, 335, 50 Oakland, 102, 245 Goslar, 6 pkgs., 291 Telde, 736, 420 Colombia, 1,124, 261 Sixaola, 470, 95 Ancon (old), 2,611, 0 Peter Macrsk, 1,195, 251 Orotava, 405, 43 Orotava, 405, 43 Ino, 418, 315 Douro, 165, 216 Nemours, 175, 97 Charles R. McCormick,

Durazzo, 32¹, 332 Occidental, 1,747, 0 San Diego, 179, 440 Socrates, 83, 730 Nero, 0, 67 Cerigo, 874, 120 Mosfruit, 12, 0 Auditor, 234, 0 Virgilio, 0, 418 Virgilio, 0, 418 San Simeon, 1,331, 0 Antigua, 165, 214 Santa Rosa, 111, 258 Kurama Maru, 456, 0 Osnabruck, 43, 70 Santa Rita, 265, 35 City of Los Angeles, 514 0 814. 0 814, 0 Contessa, 676, 659 Cellina, 295, 206 Pereira, 890, 0 San Pablo, 2,583, 434 Osorno, 742, 1,250½ Santa Clara, 285, 17 Annie Johnson. 191. Chilore, 11,359, 0 Chilore, 11,399, 0 Ancon (new), 2,541,941 Tokai Maru, 253, 216 Musa, 1,148, 350 Huascaran, 17, 94 Jamaica, 65, 456 California Star, 8, 0 Lochgoil, 68, 44 Wisconsin, 39, 302 Wescr, 224, 342 Kyusyu Maru, 133, 73 Ryusyu Maru, 155, Boskoop, 2, 129½ Clio, 450, 205 Colombia, 580, 579 Sesostris, 27, 723 Quito, 713, 1,150

BALBOA

City of Norfolk, 195, 0 Acajutla, 2, 0 Santa Barbara, 15, 0 City of Baltim Esso Panama, 2,567, 2 0 City of Baltimore, 163, Rialto, 330, 0 Agwiworld, 10,000, 0 Pacific, 837, 0 Santa Lucia, 196, 20 West Camargo, 3,019, Wales Maru, 270, 0 Douro, 1, 0 Santa Rita, 0, 1 Laura Maersk, 94, 0 West Notus, 795, 0

Tai Shan, 148, 0 Elcna, 2,076, 0 City of Newport News, 141, 0 All America, 0, 231 (76)japo, 127, 0 Laurits Swenson, 375, 0 Santa Clara, 5, 0 F.J.Luckenbach, 2,691, Swift Arrow, 10,968, 0 Santa Barbara, 230, 20 Kanawha, 6,570, 0

 President Harrison, 19, 104
 Hunter Liggett, 404, 2014
 Santa Inez, 136, 0 La Plata Maru, 0, 19

 Nemours, 0, 3
 Ludington, 1,314, 523
 Mosfruit, 12, 0
 Ludington, 1,314, 32 Muenchen, 0, 1 Utacarbon, 4,494, 0 Republic, 1,080, 109 Nitro, 3, 0 John Cabot, 0, 10 Salvador, 1, 0 Peter Maersk, 292, 0

Jacob Luckenbach, 1,365, 0 Heiyo Maru, 48, 0 Santa Rita, 6, 0 Leonard Wood, 689, 0 Pericles, 1,500, 0 Santa Clara, 188, 3

Note.—Figures shown represent short tons of 2,000 pounds.

Passengers

During July 1939, ocean-ship passengers debarking at Cristobal numbered 2,621, embarking 2,482; at Balboa, 533 debarking, 805 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 5,581; from the Pacific to the Atlantic, 3,689. Commercial aircraft numbering 60 entered Cristobal with 304 passengers debarking; clearances were 60, with 302 passengers embarking; Balboa entries of aircraft numbered 54, with 107 passengers debarking; clearances were 54, with 126 passengers embarking.

Movements of Ocean Vessels Through the Panama Canal From midnight July 10, 1939, to midnight August 10, 1939

ATLANTIC TO PACIFIC

				ATLANTIC	TO PACIFIC			
	rived	eared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Chios. Santore Salvador. Erria ² . Somerset Aobasan Maru ² . Col. Riche ⁵ Porto Bello ³ . Duchess of Rich-	11 11 5 11 11 11 11 11	11 11 11 11 12 11 11 11 13	Jap Amer Pan	Seaboard Ship. Co Ore S. S. Corp. Pacific Steam Nav. Co. East Asiatic Co Fed. Steam Nav. Co Mitsui Bussan Kaisha U. S. Army. A. Tagaropulos CanPacific S.S. Co	Hull, England Baltimore, Md Cristobal, C. Z. Copenhagen, Den. Liverpool, Eng Baltimore, Md Cristobal, C. Z Cristobal, C. Z Montreal, Canada	North Pacific Cruz Gr'de, Chile Champ'ico, Guat. Vancouver, B. C. Fremantle, Aust. Dairen, China. Gatun, C. Z. Real, R. P. Vancouver, B. C.	Ballast. Ballast General. General. General, Ballast General. Ballast General. Passengers	5,564 9,134
mond, Kansai Maru ² Ebba ² . Herman Frasch Kokkinaki Norne ² . La Brea ¹ . Florence Luckenbach.	11 2 11 8 12 12 12	12 12 12 12 12 12	Pan Amer Russ Nor Amer	Osaka Syosen Kaisya E. Obarrio Union Sulphur Co U.S. S. R. Amtorg Hasegawa Boeki K. Union Oil of Calif. Luckenbach Line.	Boston, Mass Cristobal, C. Z Galveston, Tex Leningrad, Russ. Montreal, Canada Carteret, N. J Houston, Tex	Kobe, Japan Balboa, C. Z Tacoma, Wash Kamchatka, Rus. Japan Los Angeles, Cal. Tacoma, Wash	Iron, gen Ballast Sulphur Struct.steel. Serap iron Ballast General	7,835 6,500 1,400 6,400 5,930
Yamaura Maru Nemours ² Edwin Christen-	12 5 12	12 12 12	Jap Fr Amer.	Yamashita Line French Line Arrow Line	Buenos Aires, Arg. Marseille, France Baltimore, Md	Kobe, Japan B'ventura, Col Seattle, Wash	Cotton, gen. General General	6,939 59 2,873
sen. Tuira ²	11 11 213 11			Elliot Ship. & Land Co. Elliot Ship. & Land Co. U. S. Army. Osaka Syosen Kaisya. Johnson Line.	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Montevideo, Uru. Stockholm, Swed.	Balboa, C. Z Pedregal, R. P Balboa, C. Z Kobe, Japan Honolulu, T. H	Ballast General	3,686
Pacifie ² . Hannover ² . Peter Kerr. Cristoba! Mosli ¹ ² . Talaralite ¹ . Lika.	5 12 13 13	13 13	Ger Amer Amer Nor Brit	North German Lloyd. States S. S. Co Panama R. R. Line. Petroleos Mex. Imperial Oil Co Chile Nit. Sales Corn.	Hamburg, Ger Norfolk, Va New York, N. Y. Tampico, Mexico. Aruba, N. W. I. Ardrossan, Eng	Corral, Chile Portland, Oreg Balboa, C Z Guaymas, Mexico B'ventura, Col Chile.	General Ballast	2,683 4,956 3,901 12,227 3,257
Walter D. Munson Clausina ¹ ² American Robin. Dakotan Neva ¹³ 6 Volkhov Fernhill ² Istmo	13	13 13 13 13 17 17	Brit Amer Amer Russ	Taylor Milling Co Shell Oil Co McCormick S. S. Co AmerHawaiian Line. U.S.S.R. Mach. Imp Baltic S. S. Line.	New Orleans, La. Curacao, N.W.I New York, N. Y. Boston, Mass Rotterdam, Neth Leningrad, Russ.	Oakland, Calif Los Angeles, Cal. Tacoma, Wash Portland, Oreg Russia Vladiv'ek, Russia	Ballast General	4,700 4,221 2,028 2,750
Fernhill ² Istmo Istok. Tasmania ² Tornus ¹ Gen. Wm. M. Graham. ¹¹ Tattrall ²	13 13 14 14 14 14	14 14 14 14 14	Nor Pan J-Slav . Dan	Fearnley & Eger Elliot Ship, & Land Co, Seaboard Ship, Co Kawasaki K, Kaisha Shell Oil Co U, S, Army	Philadelphia, Pa Barranquilla, Col. Rotterdam, Neth. New Orleans, La. Curacao, N.W.I., Cristobal, C. Z	Osaka, Japan. Tumaco, Colom Brit. Columbia Takao, Japan Los Angeles, Cal. Balboa, C. Z	Scrap iron Salt Ballast General Ballast Ballast	
Chulmleigh Walter A. Luck-	8 15 15	15 15		U. S. Navy Anglo-Can, S. S. Co. Luckenbach Line	Cristobal, C. Z Hartlepool, Eng Boston, Mass	Balboa, C. Z Portland, Oreg Seattle, Wash	Ballast General	3,211
enbach. Taranger 2. Aelybryn. Maine. Colombia 2. Cerigo Santa Rita 2. Clio 2. Douro 2. Carolinian Lt. Col. H. C. Schurm 4.	15 14 15 13 13 15 13 14 15	15 16 15 15 15 15 15 15	Brit Amer Pan Ger Amer Neth	Interocean S. S. Corp. Ambrose D. Mathews Fairfield S. S. Corp Elliot Ship. & Land Co. Hamburg-Amer. Line. Grace Line. Royal Neth. S. S. Co. Royal Neth. S. S. Co. AmerHawiian Line. U. S. Army.	Rotterdam, Neth. Antwerp, Belgium Mobile, Ala Cristobal, C. Z. Cristobal, C. Z. New York, N. Y. Cristobal, C. Z. Cristobal, C. Z. N. London, Conn. Cristobal, C. Z.	Vancouver, B. C. Vancouver, B. C. Vancouver, B. C. Honolulu, T. H. B'ventura, Col. Guayaquil, Ecua. Chanaral, Chile. Guayaquil, Ecua. B'ventura, Col. Seattle, Wash. Balboa, C. Z.	Ballast Ballast General. General. General. General. General. General. General. General. General.	4,394 510 251 1,983 172 169 2,940
Schumm. ⁴ City of Los Angeles.	16 11			Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	1
Respublika 4 Troujenik 4 Zarja 4 Bethore Yorkmar Steel Navigator Pacific Reliance 2, Nicolaou Zografia. S-42 7 S-44 7 S-45 7	11 11 15 15 16 16	16 17	Russ Russ Amer Amer Brit Greek Amer Amer	Isthmian S. S. Lines. Furness, Withy & Co. H. L. E. Meyer, Jr.	Leningrad, Russ. Leningrad, Russ. Leningrad, Russ. Baltimore, Md New York, N. Y. Manchester, Eng. Neweastle, Eng Cristobal, C. Z Cristobal, C. Z.	Vladiv'ek, Russia Vladiv'ek, Russia Vladiv'ek, Russia Cruz Gr'de, Chile Seattle, Wash. Around the world. Vancouver, B. C. Los Angeles, Cal. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z.	Steel, gen Steel, gen General Coke Ballast	4,838 7,157 713 2,504
S-45 ⁷			Amer	U. S. Navy U. S. Navy U. S. Navy	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Balboa, C. Z Balboa, C. Z	Ballast Ballast	

 ¹ Tanker.
 ² Motor ship.
 ³ Motor schooner.
 ⁴ Tug.
 ⁵ Launch.
 ⁷ Submarine.
 ⁹ Destroyer.
 ¹¹ Mine planter.
 ¹³ Dredge.
 ¹⁴ Corn, soy bean meal.
 ¹⁵ Towing barge No. 45.

	rived	eared	Nation-	Line	Pe	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For	Nature	Long tons
S-47 7			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z Vladiv'ck, Russia Vladiv'ck, Russia Vladiv'ck, Russia	Ballast	
Ladoga. Svir. Tros ¹¹ Strela ¹¹ . Podsekatel ¹¹	11 11	17 17	Russ	Soviet Republic	Leningrad, Russ. Leningrad, Russ.	Vladiv'ek, Russia	General General Ballast	2,640 2,774
Tros 11	13	17	Russ	Soviet Republic	Leningrad, Russ.	Vladiv'ek Russia	Rallast	2,119
Strela 11	13	17	Russ	Soviet Republic	Leningrad, Russ.	Vladiv'ek, Russia	Ballast	
Provodnik 11	13	17	Russ	Soviet Republic Soviet Republic	Leningrad, Russ. Leningrad, Russ. Leningrad, Russ.	Vladiv'ck, Russia Vladiv'ck, Russia Vladiv'ck, Russia	Ballast	
Pennsylvania Sun 1		17 17	Russ	Sun Oil Co	Chester, Pa	Los Angeles, Cal.	Ballast Ballast	
Viva ² Kaituna ² Irisbank ²	17	17	Nor	Sun Oil Co Sorensen & Sonner	Baltimore, Md.	Yokohama.Japan	Scrap iron	6,54
Kaituna 2	17	18	Brit	Australind S. S. Co	Philadelphia, Pa.	Sydney, Austr'lia Shanghai, China	General	4.48
Sona 2	17 15	17 17	Brit Pan	Andrew Weir & Co Elliot Ship. & Land Co.	Philadelphia, Pa. Boston, Mass. Cristobal, C. Z.	Pto. Arm'les, R.P.	General General	4,67
Sona ² . Bagley ⁹ . Dunlap ⁹ . Oregon Express ² .	18	20	Amer.	U. S. Navy. U. S. Navy. Fruit Express Line.	Norfolk, Va	San Diego, Calif.	Ballast	
Dunlap 9	18	29	Amer	U. S. Navy	Norfolk, Va Norfolk, Va	San Diego, Calif. San Diego, Calif.	Ballast General	
Oregon Express 2.	17 13	18	Nor	Fruit Express Line	Rotterdam, Neth.	S. Francisco, Cal.	Ballast	58
Ferneliff 2	18	18	Pan		Cristobal, C. Z Jacksonville, Fla.	Champ'ico. Guat. Tocopilla, Chile.	Ballast	
Cathwood 1	18	18	Amer.	Chile Nit. Sales Corp. Union Oil of Calif.	Savannah, Ga	Los Angeles, Cal.	Ballast Ballast	
Pereira Ferncliff ² Cathwood ¹ Wearpool ²	18	18	Brit	Seaboard Ship. Co	Savannah, Ga Hull, England	Los Angeles, Cal. No. Pacific ports.	Ballast	
	18 17	18 18	Nor Brit	Knutsen Line Pacific Steam Nav. Co.	Oslo, Norway Hull, England	Valnaraico Chile	General	2,586
Laguna ² Moukleigh Col. Riche ⁵	18	19	Brit	Seaboard Ship, Co	Barry, England.	Valparaiso, Chile. Vancouver, B. C. Gatun, C. Z.	General Ballast	
Col. Riche 5	11		Amer	U. S. Army	Cristobal, C. Z.	Gatun, C. Z	Tow. barge	
Laurits Swenson 2	18 18	19 19	Nor Brit	U. S. Army Fred Olsen & Co	Oslo, Norway	Vancouver, B. C. Dunedin, N. Z. Seattle, Wash	General	90
Hurunui	18	19	Amer.	Isthmian S. S. Lines.	Newport, Eng	Seattle Wash	General	6,90
Templevard	19	19	Brit	N. Z. Shipping Co Isthmian S. S. Lines Seaboard Ship. Co	Baltimore, Md Cardiff, Wales	Vancouver, B. C. Vancouver, B. C. Shanghai, China Portland, Oreg.	Ballast	
Jutland	19	19		Seaboard Ship. Co Isthmian S. S. Lines.	London, England	Vancouver, B. C.	Ballast	
Steel Trader Nebraskan	19 19	20 19	Amer	AmerHawaiian Lines.	Boston, Mass	Shanghai, China	General	8,38
Dinteldijk 2	18	19	Neth	Holland-Amer. Line.	Rotterdam, Neth.	Vancouver, B. C.	Gen., clay	2,090
Indian Prince 2 Master Elias Ku-	19	19	Brit	Prince Line, Ltd	Falmouth, Eng	Vancouver, B. C.	Ballast	
Master Elias Ku- lukundis.	19	19	Greek.	Seahoard Ship. Co	Antwerp,Belgium	Vancouver, B. C.	Ballast	
Absaroka	19	19	Amer	McCormick S. S. Co	Albany N V	Seattle, Wash	Gen., nitrate	6 120
Santa Lucia.	19	20	Amer.	Grace Line	Albany, N. Y New York, N. Y. Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	San Antonio, Chile	General	2.217
Ebba ²	16		Pan	E. Unarrio	Cristobal, C. Z.	Balboa, C. Z		
Porto Bello 3	18 19	19	Pan	Elliot Ship. & Land Co. A. Tagaropulos	Cristobal, C. Z.	Balboa, C. Z	Ballast General	
Porto Bello ³ . Real ² . Imperial ² . Mayari.	18		Pan Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z Balboa, C. Z Real, R. P Balboa, C. Z	General	4:
Imperial 2	19	20	Chile	Elliot Ship. & Land Co. Sud Amer. de Vapores	Hamburg, Ger. New York, N. Y. Baltimore, Md. Cristobal, C. Z. Pt. Tampa, Fla.	Valparaiso, Unite.	General	
Mayarı	19 19	20 20	Pan	United Fruit Co	New York, N. Y.	Delfito, C. R	R.R.material	
Marore, Lapwing 10 Devon City 2 Valparaiso 2	19	20	Amer.	Ore S. S. Corp. U. S. Navy Mitsubishi S. Kaisha	Cristobal, C. Z	Cruz Gr'de, Chile Balboa, C. Z	Ballast Ballast	
Devon City 2	19	20	Brit	Mitsubishi S. Kaisha.	Pt. Tampa, Fla.	Osaka Japan	Phosphate	8,990
Valparaiso 2	19	20	Swed	Johnson Line	Goth ourg, Swed	Valparaiso, Chile.	Paper, gen	4,377
J-62 5 Orotava	20	21	Amer Hond	U. S. Army United Fruit Co	Cristobal, C. Z New Orleans, La.	Valparaiso, Chile. Gatun, C. Z. Amapala, Hond.	Ballast	1,133
Cingalese Prince 2	20	21	Brit	Prince Line, Ltd Standard Oil of Calif.	Boston, Mass.	Hongkong, China.	General	3,763
S. C. T. Dodd 1	20	21	Amer	Standard Oil of Calif.	New York, N. Y. Providence, R. I.	Los Angeles, Cal. Seattle, Wash	Lub. oil	$\frac{3,763}{6,278}$
William Lucken- bach.	21	21	Amer	Luckenbach Line	Providence, R. I.	Seattle, Wash	General	3,098
Anna Maarch 2	21	21	Dan	A. P. Moller	Boston, Mass	Manila, P. I	General	6,293
Arawa	21	22	Brit	Shaw, Savill & Albion	London, England	Manila, P. I. Wellington, N. Z.	General	5.700
ArawaSan Rafael	$\frac{20}{20}$	21 21	Amer Ger	Quaker Line Hamburg-Amer. Line.	New York, N. Y. Hamburg, Ger	Portland, Oreg. Valparaiso, Chile.	General General	1,850 5,511
Alkmaar	19	21	Neth	Royal Neth. S. S. Co.	Hamburg, Ger	Corral, Chile	General	1,72
President Harri-	22	22	Amer	AmerPresident Lines	Hamburg, Ger Bombay, India	Penang, Str. Sett.	General	3,183
son. Ino 2	21	22	Neth	Povol Noth S S Co		Cuaraguil Fana	Conorol	
Ino 2 Losmar.	22	22	Amer.	Royal Neth. S. S. Co.	Cristobal, C. Z Baltimore, Md.	Guayaquil, Ecua. Seattle, Wash	General Steel, gen	$\frac{108}{5,528}$
Losmar. Lebore. Rossington Court.	22	22	Amer.	Calmar Line Ore S. S. Corp. Canadian Transp. Co.	Baltimore, Md Baltimore, Md	Seattle, Wash Cruz Gr'de, Chile Britannia, B. C	Ballast	
Rossington Court.	22 22	22	Brit	Canadian Transp. Co.	Tyne, England New York, N. Y. Cristobal, C. Z.	Britannia, B. C.	Rallast	
Colombia 2	20	$\frac{22}{22}$	Dan Pan	Wessel, Duval & Co Elliot Ship. & Land Co.	Cristobal C Z	Talcahuano, Chile	General	1,770 380
Leme ²	21	22	Ital	Italian Line	Trieste, Italy	B'ventura, Col. Vancouver, B. C.	General	373
Port Hobart 2	22	23	Brit	Italian Line Port Line, Ltd	Trieste, Italy Philadelphia, Pa	Adelaide, Aust	tieneral.	5,09
r ioridian	22 22	22 22	Amer	AmerHawaiian Line.	Boston, Mass	Adelaide, Aust Seattle, Wash Seattle, Wash Balboa, C. Z	General	2,809
Honolulan Lt. Col. H. C.	20		Amer.	AmerHawaiian Line. U. S. Army	Baltimore, Md Cristobal, C. Z	Balboa, C. Z.	General Tow. barge	3,62
Schumm.4	i							
Point Salinas	23	23	Amer.	Gulf-Pacific Line	New Orleans, La.	Seattle, Wash Balboa, C. Z	General	7,000
Woodcock 10 Charles H. Cramp	23 23	23	Amer	U. S. Navy	Swan Island Baltimore, Md	Tacoma, Wash	Steel, gen	3,248
Villanger 2 Texas Sun 1 2	23	23	Nor	Interocean S. S. Corp.	Rotterdam, Neth.	vancouver, B. C.	Ballast	
Texas Sun 1 2 Nemours 2	23 20	23 23	Amer	Sun Oil Co	Chester, Pa Cristobal, C. Z.	Los Angeles, Cal.	Ballast	; ;
	20	172	Fr	Fronch Line	Cristobal C Z	B'ventura, Col	General	4

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁴ Tug. ⁵ Launch. ⁷ Submarine. ⁹ Destroyer. ¹⁰ Mine sweeper. ¹¹ Mine planter. ¹² Coal, steel, general. ¹³ Towing barge No. 15.

	rrived	leared	Nation-	Line	Po	ort	Cargo					
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long				
Sidney M. Haupt-	23	23	Amer.	McCormick S. S. Co	Norfolk, Va	Scattle, Wash	General	2,162				
man. City of San Fran- cisco.	23	24	Amer	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,757				
Mount Olympus City of Delhi	23 23	23 24	Greek. Brit	Mitsui & Co Ellerman & Bucknall.	New York, N. Y. Montreal, Canada	Yawata, Japan Dunodin N Z	Scrap iron General	9,254 2,682				
Honecrown 2	23 23	23	Brit	Clive Shipping Co Elliot Ship. & Land Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast					
Sambu 2	22 22		Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Montreal, canada Rotterdam, Neth. Cristobal, C. Z Cristobal, C. Z New York, N. Y. Nwe York, N. Y. Curacao, N.W. I Aruba, N. W. I Baltimore, Md	Dunedin, N. Z Vancouver, B. C. Balboa, C. Z Balboa, C. Z	Ballast					
Sona 2	24 24	24 24	Jap Amer	Mitsui Bussan Kaisha Weyerhaeuser S. S. Co.	New York, N. Y.	Yokohama Janan	Mach., gen	8,715 3,356				
Pacific Elena 1	23		Neth	Shell Co	Curacao, N.W.I	Taroma, Wash Balboa, C. Z	Steel, gen Petrol. prod.	2,051				
Yankee Arrow 1 Amerikaland 2	23 24	24 25	Amer Swed	Socony-Vac. Oil Co Ore S. S. Corp	Aruba, N. W. I Baltimore, Md	Los Angeles, Cal.	Ballast					
Hindanger 2	24	24	Nor	Interocean S.S. Corp	Rotterdam, Neth.	Cruz Gr'de, Chile Vancouver, B. C.	Ballast	1,388				
Quito ² Porto Bello ³	20 24	24 24	Ger Pan	North German Lloyd. A. Tagaropulos	Manaure, Colom. Cristobal, C. Z.	Guayaquil, Ecua. Real, R. P	General	3				
Col. Riche 5 Portland 2	18 23	25	Amer.	A. Tagaropulos U. S. Army Hamburg-Amer. Line.	Cristobal, C. Z Cristobal, C. Z Hamburg, Ger	Gatun, C. Z Vancouver, B. C.	Tow. barge General	5,118				
Jane Christenson	25	25	Ger Amer.	Arrow Line	Baltimore, Md.	Seattle, Wash	General	3,150				
Moorby 2 Komaki Maru 2	25 25	25 25	Brit Jap	Ropner Shipping Co Kokusai Kisen Kaisha	Avonm'th, Eng. New York, N. Y. London, England	W. coast of N. A Kobe, Japan	Ballast	7,946				
Inge Maersk 1 2	25	25 25	Dan	A. P. Moller	London, England	Los Angeles, Cal.	Ballast Sulphur	6,600				
Henry D. Whiton Vermont	94	25 25	Amer	Union Sulphur Co CalifEastern Line	New York, N. Y.	Everett, Wash Tacoma, Wash	Autos, gen	3,314				
Vermont	25 24	25 25	Amer	Socony-Vac. Oil Co French Line	Pt. Sulphur, La New York, N. Y. Paulsboro, N. J Antwerp, Belgium	Los Angoles ('a)	Ballast	7,048				
J-62 5	22		Fr Amer.	U. S. Army	Cristobal, C. Z Cristobal, C. Z	Vancouver, B. C. Gatun, C. Z Champ'ico, Guat.	Ballast					
Acajutla	17 26	26 26	Brit Dan	Pacific Steam Nav. Co. J. Lauritzen	Livernoot Eng	W. coast of N. A.	General Ballast	1,035				
Swifterrow 1	25 23	27	Amer	Standard Oil of N. J	Aruba, N. W. I.	Los Angeles, Cal.	(17)	10,968				
Ebba ² . California Stand-	26	26	Pan Pan	E. Obarrio For. Tankship Corp	Aruba, N. W. I. Cristobal, C. Z Glasgow, Scotland	Balboa, C. Z Los Angeles, Cal.	Ballast					
ard. ¹ ² Aliakmon	25	26	Greek.	Livanos Bros	Pernambuco,Braz	P. Chicama, Peru.	Ballast					
Arkansan	26	26	Amer.	Amer - Hawaiian Line	Boston, Mass	Portland, Oreg	General	2,361				
Tuira ²	25 25		Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co. Royal Mail Lines	Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z Balboa, C. Z	Ballast					
Real ² . Lochavon ² . Herstein ² .	26 27	27 27	Brit	Royal Mail Lines	Rotterdam, Neth. Rotterdam, Neth.	Vancouver B. C.	Ballast	2,488				
Taybank ² . Sylvan Arrow ¹	97	27	Nor Brit	S. Herlofson & Co Bank Line, Ltd.	Belfast, Ireland. New York, N. Y.	Vancouver, B. C. Los Angeles, Cal.	Ballast Ballast					
.etkanger	27 27	27 27	Amer	Socony-Vac. Oil Co Westfal, Larsen & Co.	New York, N. Y. Buenos Aires, Arg.	Los Angeles, Cal. Vancouver, B. C.	Ballast General	3,168				
Douro ²	20	27 27	Neth	Royal Neth. S. S. Co.	Cristohal C Z	B'ventura, Col	General	234 4,133				
Hunter Liggett 8	25 26	28 28 27	Ger Amer	North German Lloyd. U. S. Army	Hamburg, Ger New York, N. Y. Pt. Arthur, Tex New York, N. Y. Savannah, Ga	Corral, Chile Honolulu, T. H Honolulu, T. H	General	3,758				
Castana 1 Santa Barbara 2	25	27 28	Amer.	U. S. Army Texas Oil Co. Grace Line	Pt. Arthur, Tex.	Honolulu, T. H.	Ballast General	2,151				
Tropic Star 2.	26 27	30	Nor	Chile Nit, Sales Corp.	Savannah, Ga	SanAntonio, Chile Tocopilla, Chile	Ballast General					
Balboa ² Cordillera	27 27	28 28	Swed Brit	Johnson Line Donaldson Line	Goth'burg, Swed. Glasgow,Scotland	Vancouver, B. C. Vancouver, B. C.	General	4,594 944				
Cordillera Uffington Court	28 28 28	28 28	Brit	Canadian Transp. Co.	Montreal, Canada	Vancouver, B. C. Seattle, Wash	General	2,120 5,005				
Henry S. Grove Edward Lucken-	28	28	Amer	Isthmian S. S. Lines. Luckenbach Line	New Orleans, La. Boston, Mass	Tacoma, Wash	Steel, gen General	3,895				
bach.	28	28	Jap	Nippon Yusen Kaisha	Pt. Tampa, Fla.	Kobe, Japan	(18)	8,594				
Taketoyo Maru Lt. Col. H. C.	26		Amer.	U. S. Army	Pt. Tampa, Fla Cristobal, C. Z	Balboa, C. Z	Tow. barge					
Schumm. ⁴ Primero ²	28	29	Nor	C. H. Sprague & Son.	Norfolk, Va	Shanghai, China.	Coal	7,317				
Primero ² . Miss C. B. ² . Panaman	26 29	29 29	Brit Amer	Sanabria Mines, Ltd AmerHawaiian Line.	Cartagena, Col N. London, Conn.	B'ventura, Col Tacoma, Wash	General	$\frac{31}{3,466}$				
Alaska Colombia ²	28	29	Fr	French Line	Havre, France	Valnaraisa Chile	General	3,608				
Clio 2	27 28	29 29	Pan Neth	Elliot Ship. & Land Co. Royal Neth. S. S. Co.	Cristobal, C. Z Cristobal, C. Z	B'ventura, Col Guayaquil, Ecua. Tacoma, Wash Auckland, N. Z	General	440 318				
Clio ² . Kenmar.	29 29	29 29	Amer	Royal Neth. S. S. Co. Calmar Line	Baltimore, Md Freeport, Tex	Tacoma, Wash	Steel, gen	4,893				
Antonio Bogota ² Korshamn ² .	26	29	Brit Ger	Jefferson Lake Oil Co. North German Lloyd.	Cristobal, C. Z.	Guavaguil, Ecua.	Lieneral.	7,150 224				
Eastern Gillige	29 29	29 30	Swed Amer	Rederi A/B Jamaica	Cristobal, C. Z. Curacao, N.W.I Chester, Pa	Los Angeles, Cal. Seattle, Wash	Ballast General	2,336				
Remuera	29	30	Brit	N. Z. Shipping Co	London, England	Wellington, N.Z.	General	6,406				
Hamakua	29 29	30 30	Amer	N. Z. Shipping Co Matson Nav. Co Cia. Marit. of Manila. Shepard S. S. Co	New York, N. Y. New York, N. Y.	Hawaiian Is. Los Angeles, Cal. Tacoma, Wash	General Ballast	2,981				
Spencer Kellogg ¹ Timber Rush City of Norfolk	30 30	30 30	Amer.	Shepard S. S. Co	Roston Mass	Tacoma, Wash.	Ballast General	4,127				
Ivaran	30	30	Amer	Panama-Pacific Line De La Rama Line	Baltimore, Md	S. Francisco, Cal. Shanghai, China.	General	3,028 4,074				
Elg ²	30 30	30 30	Nor Amer	Commer. Metals Co Isthmian S. S. Lines	New York, N. Y. Baltimore, Md Houston, Tex Norfolk, Va	Yokohama, Japan Seattle, Wash	Scrap iron	6,535 5,366				
Dioxidous City	00	00	ATTICL .	tommen o. o. Lines.	Trolloin, Ta	Cault, Hadi		0,000				

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁴ Tug. ⁵ Launch. ⁸ Transport. ¹³ For orders. ¹⁴ General, salt, hides, etc. ¹⁵ Cotton, lubricating oil, etc. ¹⁶ Sand, clay, coke, etc. ¹⁷ Fuel and Diesel oil. ¹⁸ General, gasoline, etc. ¹⁹ Lubricating oil, machinery. ²⁰ Steel, ore, general.

				ATLANTIC TO PAC	Tric—Continued			
	rrived	eared	Nation-	Line	Po	rt	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Pacific Enterprise 2	30	30	Brit	Furness, Withy & Co.	Manchester, Eng. Cristobal, C. Z.	Vancouver, B. C. Balboa, C. Z.	General Ballast	488
Sona ²	29 30 30	31 31	Pan Amer Fr	Elliot Ship, & Land Co. Standard Oil of Calif. Messageries Mari-	Antwerp, Belgium Marseille, France.	S. Francisco, Cal. Noumea, N. Caled	Ballast General	2,215
mel. Tyrifjord City of Lille 2	31	31	Nor	times. Canadian-Gulf Line	Hopewell, Va.	Vancouver, B. C.	General	3,905
City of Lille 2	31 31	31	Brit Dan	Ellerman & Bucknall. East Asiatic Co	Philadelphia, Pa. Copenhagen, Den	Taku Bar, China. Vancouver, B. C.	General	6,016 490
Canada ² John Cabot Iddesleigh	27 31	31	Brit	Grace Line	Cristobal, C. Z. Barry, England.	Champ'ico, Guat. Estevan, B. C	General Ballast	596
Iddesleigh Porto Bello 3	31 29	31	Pan Pan	A. Tagaropulos Elliot Ship. & Land Co.	Barry, England Cristobal, C. Z Cristobal, C. Z	Real, R. P. Pto Arm'les, R.P.	General	85 85
Sambu ²	31	1	Amer.	Quaker Line	Cristobal, C. Z. New York, N. Y. Cristobal, C. Z.	Portland, Oreg	General	[2,62]
Marconi 2 Point Chico	31 1	i	Pan Amer	E. Obarrio Gulf-Pacific Line	Houston, Tex	Balboa, C. Z Seattle, Wash	Ballast General	5,778
City of Perth	1 31	1		Ellerman & Bucknall. Ore S. S. Corp.	Philadelphia, Pa. Newp't News, Va.	Adelaide Aust'lia. Cruz Gr'de, Chile	General Ballast	5,767
Steelore Cambridge. Col. Riche ⁵	$\frac{1}{24}$	2	Brit	Fed. Steam Nav. Co	Liverpool Eng Cristobal, C. Z	Dunedin, N. Z Gatun, C. Z Balboa, C. Z	General Tow. barge	6,468
H1 W 1111 13	2		Amer	F. Wertz. AmerHawaiian Line.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Washingtonian Washington Ex-	1			AmerHawaiian Line. Fruit Express Line	Baltimore, Md Oslo, Norway	Tacoma, Wash Los Angeles, Cal.	Steel, gen Ballast	2,79
press. Nevadan	2	2	Amer.	AmerHawaiian Line.	Boston, Mass	Portland, Oreg	General	2,78
Hagan 1	29	2	Amer	Shell Petroleum Corp.	New York, N. Y. Cristobal, C. Z.	Martinez, Calif Balboa, C. Z.	Ballast	
Hagan ¹ . Tattnall ⁹ . Point Arena.	2	2	Amer	U. S. Navy.		Seattle, Wash	Ballast General	4,79
Elisabeth Bakke 2	2		Nor Nor	Boyd, Weir & Sewell. Knutsen Line	Norfolk, Va Belfast, Ireland	Shanghai, China. Vancouver, B. C.	Coal Ballast	9,21
Tuira 2	1		Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z Balboa, C. Z Gatun, C. Z	Ballast	
T-6 5. Genyo Maru 1 2			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z Tokuyama,Japan	Ballast	11 01
HOKK31 Maru *	3	3	Jap	Osaka Svosen Kaisya.	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Pt. Arthur, Tex. Rotterdam, Neth.	Dairen, China	(15)	1.8,29
Rangitane 2.	3 2	3	Brit	N. Z. Shipping Co McCormick S. S. Co	Longon, England	Wellington, N. Z. Portland, Oreg	General	4,810 3,55
West Nilus Raby Castle 2	3	3	Brit	Laneashire Ship. Co. Mersey Paper Co.	Buenos Aires, Arg. Boea Gr'de, Fla Liverpool, Can.	Moii, Japan	Phosphate	6,85
Speybank 2 Wildwood	3	3	Amer.	Davison Chem. Co	Baltimore, Md	Sydney, Australia Seattle, Wash Taleahuano, Chile	Phosphate	6,79
Orbita Dresden ²	2 2	3		Pacific Steam Nav. Co. North German Lloyd.	Liverpool, Eng Hamburg, Ger.	Corral, Chile	General	3,76
President Herren- schmidt. 1 2	4	4		Pechelbronn	Donges, France.	Lobitos, Peru	Ballast	
Sophoeles 2	4			Isbrandtsen-Moller	Baltimore, Md	Manila, P. I Talcabuano, Chile	General	6,19
Baarn Santa Inez ² Telde	3	5	Amer	Royal Neth. S. S. Co. Grace Line United Fruit Co	Hamburg, Ger New York, N. Y. New Orleans, La.	Chanaral, Chile	General	1,14
TeldeCity of Dalhart ² .	3			Roosevelt S. S. Co	New Orleans, La. New York, N. Y.	LaUnion, Salv'dor Shanghai, China.	General	1,740 5,950
Marna. La Plata Maru ²	5	5	Dan	J. Lauritzen Osaka Syosen Kaisya. Elliot Ship. & Land Co.	New York, N. Y. Baltimore, Md Buenos Aires, Arg.	Talcahuano, Chile Kobe, Japan	General Cotton, gen.	2,20 4,04
Colombia 2	3	5	Jap Pan	Elliot Ship. & Land Co.	Cristobal, C. Z New York, N. Y.	B'ventura, Col	General	2,81
President Hayes	5	5	Amer	AmerPresident Lines AmerHawaiian Line.	N. London, Conn	S. Francisco, Cal. Seattle, Wash	General	2,81
Arizonan	5			Chile Nit. Sales Corp. Royal Neth. S. S. Co.	Sunderland, Eng. Cristobal, C. Z Providence, R. I.	Chile. Guayaquil, Ecua.	Ballast General	28
Ino 2	5		Amer.	Luckenbach Line	Providence, R. I.	Tacoma, Wash	General	4,04
Durazzo Charles R. Mc-	5	5 6		Hamburg-Amer. Line. McCormick S. S. Co	Manaure, Colom. New York, N. Y.	Guayaquil, Ecua. Seattle, Wash	Salt, gen Steel, gen	74: 3,19
Cormick. Lady Glanely 2	5			Seaboard Ship. Co	London, England	Vancouver, B. C.	Ballast	
Portmar Nero ²	5	6	Amer	Calmar Line	Baltimore, Md Curaeao, N.W.I	Seattle, Wash B'ventura, Col	Steel, gen	5,72 24
City of Baltimore.	6	6	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,79
Vernon City Geddington Court	6	6		Canadian Transp. Co.	Pt. Arthur, Tex. Barry, England. No. Shields, Eng.	Yokohama, Japan Brit. Columbia.	Ballast	7,80
Dorington Court Steel Voyager	6	6	Brit	Chile Nit, Sales Corp.	No. Shields, Eng. Baltimore, Md.	Chile	Ballast General	3,57
Nosiro Maru 2	1	6	Jap	Nippon Yusen Kaisha	New York, N. Y.	Yokohama, Japan		
Modavia ² Kanawha ¹	4				Glasgow, Scotland Cristobal, C. Z. New York, N. Y.	Vancouver, B. C. San Diego, Calif.	Oil	
Hegira Ward ²	6	7	Amer. Amer.	AmerPioneer Line	Philadelphia, Pa.	Seattle, Wash Fremantle, Aust.	General	4,33 2,88 7,95
Ward ² . Tosan Maru ² . Nordhavet ² .	7	7	Jap Dan	Osaka Syosen Kaisya.		Kobe, Japan Yokohama, Japan	General Serap iron	7,95 7,66
Umberleigh	7	7 7	Brit		Cardiff, Wales Antwerp, Belgium	Vancouver, B. C.	Ballast	
Tosca ² ,	7	1 2	Nor	Waterman S. S. Corp.		Chile Tacoma, Wash	General	3,09

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ⁹ Destroyer. ¹³ Sail boat. ¹⁴ Peat moss and general. ¹⁵ Serap steel, general. ¹⁶ Lard, flour, general.

	rived	ared	Nation-	Line	Pe	ort	Cargo	
Ship	Date arrived	Date cleared	ality	Charterer or operator)	From-	For—	Nature	Long
Trondanger ² . Porto Bello ³ . Salvador . Nemours ² . Marconi ² . Athelduke ¹ ² . Kaimoku . Kunikawa Maru ²	7 7 2 4 7 7 7 8	8 7 8 8 8 8 8 8		Interocean S. S. Corp. A. Tagaropulos. Pacific Steam Nav. Co. French Line D. Campodonico. Standard Oil Co. Matson Nav. Co. Kawasaki Kisen K.	Rotterdam, Neth. Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Hull, England. Philadelphia, Pa. New York, N. Y.	Los Angeles, Cal. Real, R. P. Champ'ico, Guat. B'ventura, Col Balboa, C. Z. Japan. Hawaiian Is. Kobe, Japan.	General Ballast General Coke. gen	3 598 97 2,840 8,277
Firmore. San Simeon. Malay ¹ . Lt. Col. H. C. Schumm. ⁴	8 6 8 7	8 8 	Amer Amer Amer	Ore S. S. Corp. Quaker Line. Shell Oil Co. U. S. Army	Hull, England Philadelphia, Pa New York, N. Y. Baltimore, Md Albany, N. Y Newp't News, Va. Cristobal, C. Z	Kobe, Japan Cruz Gr'de, Chile Tacoma, Wash Los Angeles, Cal. Balboa, C. Z	Ballast Ballast Ballast	3,642
Testbank	8 -24	9	Brit Ger	Bank Line, Ltd Tropische H. U. Gross- fisch Fangreederei.	Tampico, Mexico High seas	Adelaide, Aust Puntarenas, C. R.	Sulphur, gen. Ballast	8,139
Ebba ² . Montebello ¹	30 8 9 8 9 8 9 8	9 9 10	Pan Amer Nor Amer Nor Pan Jap Pan Pan	E. Obarrio Union Oil Co. Erling H. Samuelsen. U. S. Army Standard Oil of N. J., Grace Line. Kokusai Line. Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z Savannah, Ga Philadelphia, Pa New York, N. Y Caripito, Venez Cristobal, C. Z Montreal, Canada Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z. Los Angeles, Cal. Yawata, Japan Balboa, C. Z. Tocopilla, Chile. Balboa, C. Z. Kobe, Japan Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z.	Ballast Ballast Scrap steel General Fuel oil Drydocking General Ballast Ballast	9,040 698 10,036 8,037
Real ² . Santa Clara. Annie Johnson ² . Trecarrell. Elias G. Kulu- kundis.	8 9 9 9	10 10 10 10	Pan Swed Brit Greek .	Elliot Ship. & Land Co. Grace Line. Johnson Line. Hain S. S. Co Kulukundis Bros	Cristobal, C. Z. New York, N. Y. Stockholm, Swed. Barry, England. Antwerp, Belgium	Balboa, C. Z. SanAntonio, Chile Vancouver, B. C. Vancouver, B. C. Los Angeles, Cal.	Ballast	3,923 3,903 3,025
Californian ² Tancred ² . Port Saint John ² . Istmo Ophelie ¹ . California Express. ²	10 9 10 10 10 10	10 10 11 10 10 10	Amer. Nor. Brit Pan. Fr Nor	AmerHawaiian Line. Barber Line M. A. N. Z. Line Elliot Ship. & Land Co. Consommateurs Pet Fruit Express Line	Boston, Mass Baltimore, Md Montreal, Canada Cartagena, Col Donges, France Rotterdam, Neth.	Portland, Oreg Yawata, Japan Brisbane, Aust B'ventura, Col Lobitos, Peru Los Angeles, Cal.	General (12) General Salt Ballast Ballast	7,237 5,824 693
				PACIFIC TO	ATLANTIC			
Trois Ilets	10 11 11 11 10 11 11 11 11 11 11	15 11 11 11 12 12 11 12 12 13 15	Fr Amer J-Slav. Nor Jap Amer Y-Slav. Pan Pan Fr Amer	Prench Line Dutton Lumber Corp. Chile Nit. Sales Corp. Interocean S. S. Corp. K Line Panama-Pacific Line. Chile Nit. Sales Corp. Elliot Ship. & Land Co. Elliot Ship. & Land Co. French Line U. S. Army	B'ventura, Col. Pt. Gamble, Wash Iquique, Chile. Portland, Oreg. Taku Bar, China. S. Francisco, Cal. Tocopilla, Chile. Darien, R. P. Corral, Chile. Balboa, C. Z.	Cristobal, C. Z. Providence, R. I. Azores, ¹³ . Rotterdam, Neth. Baltimore, Md. New York, N. Y. Azores, ¹³ . Cristobal, C. Z.	Coffee, wax Lumber Nitrate General (14) General Nitrate Bananas Bananas General Tow. barge	7,100 7,620 7,938 7,010 5,041 8,085 48 40 8,016
Santa Barbara 2 Charles Christen- son.	12 12	12 12	Amer	Grace Line	SanAntonio, Chile Portland, Oreg	New York, N. Y. Baltimore, Md	General Lumber	4,413 6,800
Nestos Steelore Bahrein ¹ . Samuel Bakke ² . Pereira Leipzig ² . Clio ¹ ² . Newton Ash. Cerigo Colombia ² . Clio ² . Rhein ² . Mostun ² . Vancouver. Rialto ² . Moveria ² . Julia Luckenbach. Douro ² . Missourian ² .	12 13 12 12 13 13 13 13 13 13 13 13 13 13 14 14 14 14	14 14 15	Greek. Amer. Pan. Nor. Pan. Ger. Pan. Brit. Ger. Noth. Ger Ital Brit. Amer. Noth.	Chile Nit. Sales Corp. Ore S. S. Corp. Standard Oil of Calif. Knut Knutsen, O.A.S. Grace Line. North German Lloyd. Standard Oil of N. J. Seaboard Ship. Co. Hamburg-Amer. Line. Elliot Ship. & Land Co. Royal Neth. S. S. Co. Hamburg-Amer. Line. Neptune Shipping Co. Hamburg-Amer. Line. Luckenbach Line. Donaldson Line. Luckenbach Line. Royal Neth. S. S. Co. AmerHawaiian Line. Interocean S. S. Corp. Interocean S. S. Corp. Interocean S. S. Corp. Interocean S. S. Corp.	Antof gasta, Chile Cruz Gr' de, Chile Cruz Gr' de, Chile Ll Segundo, Cal. Valparaiso, Chile. Champ'ico, Guat. Corral, Chile. Tocopilla, Chile. Vancouver, B. C. Guayaquil, Ecua. B'ventura, Col Guayaquil, Ecua. Manila, P. I S. Francisco, Cal. Vancouver, B. C. Vancouver, B. C. Victoria, B. C. Victoria, B. C. Seattle, Wash. Tumaco, Colom. Tacoma, Wash. Tortland, Oreg	Azores. 13 Baltimore, Md Lands End. 13. Oslo, Norway Cristobal, C. Z. Bremen, Germany Cartagena, Col. Hull, England. Cristobal, C. Z. Hamburg, Ger. Trieste, Italy. Glasgow, Scotland Boston, Mass. Cristobal, C. Z. Boston, Mass. Cristobal, C. Z. Boston, Mass. Cristobal, C. Z. Boston, Mass.	Nitrate Iron ore Gasoline Gasoline (15) General Ballast (16) General (17) (18) Fruit, gen General General (20) General (20) General (21) (20) General (21)	8,306 21,800 8,762 7,655 752 4,976 7,000 329 709 117 8,342 1,276 8,079 4,269 6,002 7,247 2,577 8,189

¹ Tanker. 2 Motor ship. 3 Motor schooner. 4 Tug. 8 Transport. 12 Scrap iron, general. 13 For orders. 14 Sugar, onions, general. 15 Coffee, logs, hides, 16 Coffee, hides, wood. 17 Balsa, cacao, coffee. 18 Copra, sugar, bemp, general. 19 Canned fruit, flour, general. 20 Coffee, hides, empty drums. 21 Wheat, lumber, general.

PACIFIC TO ATLANTIC-Continued

	rived	eared	Nation-	Line	Pe	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long
Drechtdijk 2	14	15	Neth	N. Pac. Coast Line	Victoria, B. C Darien, R. P	Rotterdam, Neth.	General	9,999
Porto Bello 2 River Lugar	14 14	14 15	Pan Brit	A. Tagaropulos British Phosphate Co.	Darien, R. P Nauru Is., S. Pac.	Colon, R. P Scotland	Phosphate	9,200
Illinoian	15	15	Amer.	AmerHawaiian Line.	Portland, Oreg.	Baltimore, Md. Fall Riv., Mass. Cristobal, C. Z. Gatun, C. Z. Gatun, C. Z.	Lumber, gen.	7.204
Emidio 1	15	15	Amer	Shell Oil Co	Los Angeles, Cal.	Fall Riv., Mass.	Fuel oil	9,545
Sona ² . Ann ⁵ . Sappho ⁵ . El Mirlo ¹ ² .	15 15	17	Pan Amer	Elliot Ship. & Land Co. John L. King.	Los Angeles, Cal. Darien, R. P. Miraflores, C. Z	Gatun C. Z.	Bananas Ballast	50
Sappho 5	15		Amer	Al. Meigs	Miraflores, C. Z	Gatun, C. Z	Ballast	
El Mirlo ¹ ² Yamabiko Maru	15 15	16		C. T. Bowring & Co	LaLibertad, Ecua.	Ellesmere, Eng	(14) (15)	$11,893 \\ 10,327$
Birmingham City.	15	16 16	Jap Amer	Yamashita Kisen K Isthmian S. S. Lines.	Japan San Diego, Calif	Buenos Aires, Arg. London, England	(16)	8,442
Ebba 2	16	19	Pan	H. Obarrio	Darien, R. P	Cristobal, C. Z.	Bananas	50
Dionyssios Sta- thatos.	15	16	Greek.	Anglo-Can. S. S. Co	Victoria, B. C	London, England	Wheat, lum	7,188
Mokihana	15	16	Amer.	Matson Nav. Co	Pt. Allen, T. H.	New Orleans, La.	(17)	9,551
Heffron Ridley ² Zrinski	16	16	Amer.	Weyerhaeuser S.S. Co.	Pt. Allen, T. H Seattle, Wash	Jersey City, N. J. Grange'th, Scot.	Lumber, gen.	9,692
Ridley 2	16 16	17	Brit Y-Slav.	Brit. Phosphate Com.	Nauru İs., So. Pac. Tocopilla, Chile.	Grange'th, Scot Azores. 12	Phosphate	8,900 8,324
Alamar,	16	16	Amer.	Chile Nit. Sales Corp. Calmar S. S. Corp. Kokusai Kisen Kaisha	S. Francisco, Cal.	Baltimore, Md.	Nitrate Lumber, gen.	8,096
Alamar, Kagu Maru ² Sveadrott ¹ ²	15	17	Jap	Kokusai Kisen Kaisha	Singapore, St. Set.	New Orleans, La. Curacao, N.W.I	(18)	8,028
	16 16	16 17	Swed Brit	Shell Oil Co	Los Angeles, Cal.	Curacao, N.W.I	Gas oil Frozen, gen .	14,615 7,765
Laura Maersk ² . Gen. W. M. Gra- ham. ¹¹	16	17	Dan	Isbrandtsen-Moller	Bluff, N. Z. Iloilo, P. I. Balboa, C. Z.	Newcastle, Eng. New York, N. Y. Cristobal, C. Z.	Sugar, gen.	5,872
Gen. W. M. Gra-	16		Amer.	U. S. Army	Balboa, C. Z	Cristobal, C. Z.		
Pan Norway 1 2	16	17	Nor	Standard Oil of N. J	Talara, Peru	Rotterdam, Neth.	Benz.,gas oil.	13.900
Snestad 2	16	17	Nor	Fern Line	Manila, P. I	U. S. Atl. ports	Sugar (19)	7,323
Acajutla	17 17	26 17	Brit Neth	Pacific Steam Nav. Co. Royal Neth. S. S. Co.	Champ'ico, Guat. Talcahuano, Chile	Cristobal, C. Z Hamburg, Ger	General	784 8,654
Aflantie	17	17	Amer.	Isthmian S. S. Lines.	Los Angeles, Cal.	Baltimore, Md	Lumber	7.211
Rimutaka	16	17	Brit	N. Z. Shipping Co	Los Angeles, Cal. Wellington, N. Z.	London, England	Frozen, gen	4.894
West Camargo	17 14	18 18	Amer	Grace Line	Chanaral, Chile.	New York, N. Y.	General	2,949 5,580
West Camargo West Notus	17	18	Amer.	McCormick S. S. Co	Chanaral, Chile. Seattle, Wash Seattle, Wash	Buenos Aires, Arg. New York, N. Y.	Lumber, gen. Lumber, gen.	5.584
Arna 2	17	18	Nor	Seaboard Ship. Co	Pt. Alberni,B. C.	London, England	Wheat, lum.	7,200
Frida	17 18	18 18	Dan Brit	West Coast Line Pacific Steam Nav. Co.	SanAntonio, Chile Valparaiso, Chile.	New York, N. Y.	Copper, gen. Copper, gen.	1,068 9,518
Tvr 2	18	18	Nor	Seaboard Ship, Co	Vancouver, B. C.	Liverpool, Eng Plymouth, Eng	Lumber	5,656
Darlington Court ²	18 18	18	Brit	Anglo-Can. S. S. Co	GraysHar., Wash.	London, England	Wheat, lum	8,330
Oregonian Donau	18	18 19	Amer Ger	AmerHawaiian Line. North German Lloyd.	Seattle, Wash Vancouver, B. C.	Boston, Mass	General	6,355 $10,156$
City of Baltimore	18	19	Amer	Panama-Pacific Line	S. Francisco, Cal.	Hamburg, Ger. New York, N. Y. Cristobal, C. Z.	General General	3,979
Tuira ²	18 18	19 19	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z Cristobal, C. Z	Bananas	50 38
Point Brava Lt. Col. H. C.	18	19	Amer.	Swayne & Hoyt	Portland, Oreg.	Tampa, Fla	General	4,146
Lt. Col. H. C.	19	22	Amer	U. S. Army	Portland, Oreg Balboa, C. Z	Cristobal, C. Z	Tow. barge	
Schumm. ⁴ Sage Brush	19	19	Amer	Shepard S. S. Co	Portland, Oreg	N. Bedford, Conn.	Lumber, gen.	7,587
Amsterdam	19	19		Fratelli Bizzuto	Valparaiso, Chile.	New York, N. Y.	(20)	13,554
Firmore	19	19 19	Amer	Ore S. S. Corp. Calmar Line	Cruz Gr'de, Chile Longview, Wash	New York, N. Y. Baltimore, Md. Baltimore, Md.	Iron ore	11.850
Oakmar Nemours 2	19	23	Amer Fr	French Line	B'ventura, Col	Cristobal, C. Z.	Lum., copper Coffee	6,542 264
Pacific Shipper 2.	20	20	Brit	Furness. Withy & Co.	Vancouver, B. C.	Manchester, Eng.	General	8,120
Iowan. Lancaster.	20 20	$\frac{20}{20}$	Amer.	AmerHawaiian Line. Weyerhaeuser S.S. Co.	S. Francisco, Cal.	Boston, Mass Baltimore, Md	General Lumber, gen.	5,193 9,128
Columbian	20	20	Amer.	AmerHawaiian Line.	Tacoma, Wash Portland, Oreg	Baltimore, Md	Lumber, gen.	5,411
Durazzo	20	22	Ger	Hapag-Llovd	Cuevacuil Ecne	Cristobal, C. Z	Coffee, gen	351
Hannington Court Colombia 2	² 20 20	20 22	Brit Pan	Canadian Transp. Co. Elliot Ship. & Land Co.	Vancouver, B. C. B'ventura, Col Tumaeo, Colom Seattle, Wash	Montreal, Canada	Coffee	8,677 568
Douro 2	20	27	Neth	Royal Neth. S. S. Co.	Tumaeo, Colom.	Cristobal, C. Z Cristobal, C. Z	Coffee (22)	199
Harry Lucken- bach.	20	20	Amer.	Luckenbach Line	Seattle, Wash	Boston, Mass	Lumber, gen.	7,222
Llanarth	20	20	Brit	Joseph Pyke & Son	Vaneouver, B. C.	Dublin, Ireland.	Wheat	7,920
Ino 2	20	22	Neth	Joseph Pyke & Son Royal Neth, S. S. Co. United Fruit Co	Vaneouver, B. C. Guayaquil, Ecua.	Cristobal, C. Z	(23)	224
Maravi.	20 21	21 22	Pan Ger	United Fruit Co Hamburg-Amer. Line.	Puntarenas, C. R. Valparaiso, Chile.	Boston, Mass	Ballast	3,900
Roda ² La Paz ²	20	21	Brit	Pacific Steam Nav. Co.	Coronel, Chile	Hamburg, Ger Liverpool, Eng.	(24)	8,302
Istmo	21 21	23	Pan	Elliot Ship. & Land Co.	B'ventura, Col	Liverpool, Eng Manaure, Colom.	Ballast	
Telde Jefferson Myers	21	21 21	Hond	United Fruit	Puntarenas, C. R. Portland, Oreg	New Orleans, La. Philadelphia, Pa	(25) (26)	579 $9,245$
Lapwing 4 Robert E. Hop-	21		Amer	U. S. Navy	Balboa, C. Z San Luis, Calif	Philadelphia, Pa. Cristobal, C. Z. New York, N. Y.		
Robert E. Hop- kins.1	20	21	Amer	Cities Service Corp	San Luis, Calif	New York, N. Y.	Crude oil	9,940
Chilore Nore 1 2	22	22	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md	Iron ore	21,700
	21	22	Pan	Anglo-Saxon Pet. Co	Los Angeles, Cal.	Curacao, N.W.I	Fuel oil	11,855
1 Tanless 9	31.	4	1.1	4 T	11. 3301	12 E	12 Dl toine 1	

¹ Tanker. ² Motor ship. ⁴ Tug. ⁵ Launch. ¹¹ Mine planter. ¹² For orders. ¹³ Plantains, lumber. ¹⁴ Crude oil, casinghead gas. ¹⁵ Cotton goods, general. ¹⁶ Grain, dried fruit, lumber. ¹⁷ Sugar, canned pineapples. ¹⁸ Tea, tin, cotton goods, general. ¹⁹ Coffee, wood, general. ²⁰ Gold, copper ore. ²¹ Lumber, wheat, general. ²² Coffee, ivory nuts. ²³ Cacao, nuts, hides. ²⁴ Nitrate, copper, barley. ²⁵ Coffee, hides, bananas. ²⁶ Lumber, potash, general.

PACIFIC TO ATLANTIC—Continued

Ship	PACIFIC TO ATLANTIC CONTINUED												
New York, N. Y. Sugar, gen. 7,874	a.	urrived	leared			Pe	ort	Cargo					
Walnut 2 22 32 Amer. Mitsua K 20 22 23 Amer. Mitsua K 20 23 Amer. Mitsua K 20 24 24 25 25 25 25 26 26 26 26	Ship	Date a	Date o	ality	(Charterer or operator)	From-	For—	Nature					
Manial, P. I. New York, N. Y. General. 3,34 Sambu 2 23 Part Elliot Ship, & Land Co. Darlen, R. P. Cristobal, C. Z. Bananas. 58 Porto Bello 2 22 Part Elliot Ship, & Land Co. Darlen, R. P. Cristobal, C. Z. R. R. Kingsburr 2 22 Part Elliot Ship, & Land Co. Darlen, R. P. Cristobal, C. Z. R. R. Kingsburr 2 22 Part Elliot Ship, & Land Co. Darlen, R. P. Cristobal, C. Z. Nicolaou Ourania. 23 23 Greek G. Nicolaou, Ltd. S. Penesco, Cal. Baltimore, M. W. L. Nicolaou Ourania. 23 23 Greek G. Nicolaou, Ltd. S. Penesco, Cal. Baltimore, M. W. L. Nurniberg 2 23 Part Forex, gen. Part New Orleans 2 Kinai Maru 2	22 22	22 23	Amer Jap	Osaka Syosen Kaisya.	Iloilo, P. I Dairen, China.	Antwerp, Belgium	Sugar, gen Phosphorus	7,874 6,208					
Sombu 2 23 Pan Elliot Ship, & Land Co. Darien, R. P. Cristokal, C. Z. Bananas 58 Porto Bello 1 22 22 Pan Elliot Ship, & Land Co. Darien, R. P. Cristokal, C. Z. Bananas 58 Porto Bello 2 22 22 Pan Elliot Ship, & Land Co. Darien, R. P. Colon, R. P. Colo	Walnut.	22	23	Amer.	Moore Drydock Co	S. Francisco, Cal.	Detroit Mich	Ballast					
S. Francesco, Cal. Stroke Sona 2	22	23	Pan	Elliot Ship.& Land Co.	Darien, R. P	Cristobal, C. Z	Bananas	38					
S. Francesco, Cal. Stroke Sambu 2	22	23			Darien, R. P	Cristobal, C. Z.	Bananas	58					
Ebba 2 20 Pan. H. Obarrio Carbon C	K. R. Kingsbury 1	222	23	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Baltimore, Md	Asphalt	10,934				
Nicolaco Ourania. 2 32 Greek G. Nicolaco, Ltd. Vancouver, B. C. Condon, England Wheat, lum 9,250 Runtingdon. 3 24 Brt. Fed. Steam Nav. Co. Anckland, N. Z. Condon, England Pt. Arthur, I.ex. Ballast Pt. Arthur, I.ex. Condon, England Pt. Arthur, I.ex. Condon,	Etrema 1 2	22		Neth	Anglo-Saxon Pet. Co.	San Diego, Calif.	Curaeao, N.W.1	Kerosene	8,660				
Genyo Maru	Nicolaou Ourania.	23	23	Greek	G. Nicolaou, Ltd.	Vancouver, B. C.	London, England	Wheat, lum.	9.250				
Nurnberg 2 32 25 Ger. Norddentscher Lloyd. Valparaiso, Chile. Boston, Mass. General. 5, 36 Yan San Bernardino. 24 24 Amer. States S. S. Or. Barber-Wilhelmsen. 24 24 Marc. 24 24 Marc. 25 24 Amer. 25 26 Marc.	Genyo Maru 1 2	22			Asano Bussan Co	Kobe, Japan	Pt. Arthur, Tex	Ballast					
San Bernardino 24 24 Amer. States S. S. Co. Proteyon 2 24 Amer. Amer. Hawaiian Line. S. Francisco, Cal. Philadelphia, Pa. Awer. Amer. Am	Nurnberg 2	23	25	Ger	Norddentscher Lloyd.	Valparaiso, Chile.	Hamburg, Ger	General	5.354				
Awata Maru 24 25 Jap	Tai Shan 2	23	25	Nor	Barber-Wilhelmsen.	Zamboanga, P. I.	D 4	Sugar, gen	6.767				
Awata Maru 24 25 Jap	Procyon 1 2	24	24	Swed	Standard Oil of N. J	S Francisco Cal	Arnba, N. W. I	Av. gasoline.	11.530				
Awata Maru 24 25 Jap	\ irginian	24	24		AmerHawaiian Line.	S. Francisco, Cal.	Boston, Mass	General	1.6.438				
Awata Marii - 4 25 37 37 37 37 37 37 37 3	Margaret Johnson	225	26	Swed		Vancouver, B. C.	Goth'burg, Swed.	(16)	6.110				
Damsterdigk 25 25 Nor. Holland-Amer. Line Disorbolt 25 25 Jap Nor. Holland-Amer. Line Disorbolt 25 26 Jap Nor. Nippon Visen Kaisha Buenos Aires 2 25 26 Jap Nippon Visen Kaisha Disorbolt Nor. Nippon Visen Kaisha Disorbolt N	Awata Marn 2	94	25	Jap.,.	Nippon Yusen Kaisha	Yokohama,Japan	Hamburg, Ger	General.	6.526				
Tuyama Maru	Damsterdiik 2	25	26	Neth	Holland-Amer, Line	Victoria, B. C	Rotterdam, Neth.	General	10.552				
Buenos Aires 23 23 25 Neth. 24 25 Neth. 25 25 Neth. 26 25 Coling 25 25 Coling 25 25 Coling 25 26 Neth. 26 Neth. 26 Neth. 27 Neth. 27 Neth. 28 Neth.	Sorholt 2	25	26	Nor	De La Rama Line	Iloilo, P. I.	New York, N. Y.	l Sugar gen	8,250				
Elena 24 23 24 24 25 25 Chile Copiapo 25 25 Chile City of Newport Xews Montbello 25 25 Amer. Elliof Ship, & Land Co. Darien, R. P. Cristobal, C. Z. Bananas 38 Sarneveld 25 26 Pan Elliof Ship, & Land Co. Darien, R. P. Cristobal, C. Z. Bananas 38 Sarneveld 25 26 Pan Elliof Ship, & Land Co. Darien, R. P. Cristobal, C. Z. Bananas 38 Sarneveld 25 26 Pan Elliof Ship, & Land Co. Darien, R. P. Cristobal, C. Z. Bananas 38 Sarneveld 25 26 Swed College College College Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Tow. barge Cristobal, C. Z. Cristobal, C. Z. Coffee, can Cristobal, C. Z. Cristobal, C. Z. Coffee, can Cristobal, C. Z. Coffee, Callege Cristobal, C. Z. Cristobal, C. Z. Coffee, Callege Cristobal, C. Z. Cristobal, C. Z. Coffee, Callege Cristobal, C. Z. Coffee, Callege Cristobal, C. Z. Cristobal,	Ruonne Aires 2	25	25	Swed	Johnson Line.	Valparaiso, Chile.	Goth'burg, Swed.	General	9 063				
New Northorto Seminar S. Francisco, Cal. New York, N. 1 General. 10,990	Elena 1	24	25	Neth	Shell Oil Co	Balboa, C. Z	Curacao, N.W.I	Ballast	9.100				
Nontebello 25 25 Amer. Union Oil of Calif. San Luis. Calif. Darien, R. P. Cristobal, C. Z. Bananas. 38 B	City of Newport	25			Panama-Pacific Line		New York, N. Y.	General	4.530				
Real 2	News.	95	25	Amor		Son Luia Colif							
Barneveld	Real 2	25	26	Pan	Elliot Shin, & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas					
Schumm.4	Tuira 2	25	26	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	53				
Santa Clara 25 27 Amer. Grace Line Cruz Gr'de, Chile Saltimore, Md. Iron ore 22,300 Chelsea 26 26 Brit. Chile Nit. Sales Corp. Tozopilla, Chile. Chile Nit. Sales Corp. Tozopilla, Chile. Chile Nit. Sales Corp. Tozopilla, Chile. Chile Nit. Sales Corp. North German Lloyd. Guayaquil, Ecna Education Champico Guat. Cristobal, C. Z. Coffee, gen. 679 Cristobal, C. Z. Coffee, gen. 679 Champico Guat. Cristobal, C. Z. Coffee, gen. 670 Champico Guat. Cristobal, C. Z. Cristobal, C. Z. Champico Guat. Cristobal, C. Z. Cristobal, C	Lt. Col. H. C.	26			U. S. Army	Balboa, C. Z	Cristobal, C. Z.	Tow, barge					
Dogota 2	Schumm.	95	97	1 man				_					
Dogota 2	Swooland 2	26	26	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md	Iron ore	22,300				
Madoera 2	Chelsea			Brit	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores, 14,	Nitrate	7,825				
Madoera 2	Pennsylvanian	26	27	Amer	AmerHawaiian Line.	Seattle, Wash	Boston, Mass	General.	5,853				
Molywood	John Cabot			Brit	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	(teneral	708				
Molywood	Madoera 2	27	28	Neth	Java-Pacific Line	Vancouver, B. C.	Calcutta India	General	7,683				
Hollywood	Colombia 2	27			Elliot Ship. & Land Co.	B'ventura, Col	Cristobal, C. Z.	Ballast	0 210				
Norse Lickell-bach 24 27 Amer. Lickellosch Line Seattle, Wash. Boston, Mass. General. 7,413	Hollywood	27	27	Amer	McCormick S. S. Co	Seattle, Wash	Philadelphia, Pa	Lumber, gen.	6,674				
S. S. S. S. S. S. S. S.		27	27	Amer		Seattle, Wash	Boston, Mass	General	7,413				
Kimikawa Maru 2 28 29 Jap	S-45.7	27			U. S. Navy	Balboa, C. Z	Cristobal, C. Z.						
Kimikawa Maru 2 28 29 Jap	Bibb 13	25	28		U. S. Navy	Valparaiso, Chile.	Norfolk, Va.						
Kimikawa Maru 2 28 29 Jap	S-44 7.	28	.	Amer.	U. S. Navy	Balboa, C. Z	Cristobal, C. Z.	(10)					
Kimikawa Maru 2 28 29 Jap	Sagona 1 2	27		Amer Nor	Shell Oil of Calif	Los Angeles, Cal.	Curação, N.W I	Kerosene	9,331				
Rapana 2 27 28 Brit. Shell Oil Co. Los Angeles, Cal. Montreal, Canada Canad	Clio 2	28		Neth		Guayaquil, Ecua.	Cristobal, C. Z.	(19)	419				
Republic 28 30 Amer. U. S. Army Honolulu, T. H. New York, N. Y. General 6,300 S.47 29 Amer. U. S. Navy Balboa, C. Z. Cristobal, C. Z. S.42 7. 29 Amer. U. S. Navy Balboa, C. Z. Cristobal, C. Z. Cristobal, C. Z. S.42 7. 29 Amer. U. S. Navy Balboa, C. Z. Cristobal, C. Z. S.42 7. 29 Amer. U. S. Navy Balboa, C. Z. Cristobal, C. Z. S.45	Reina del Pacifico ²	28	28	Brit	Pacific Steam Nay, Co.	SanAntonio.Chile	Liverpool, Eng.	Silk, gen	2,325 4.832				
Republic 28 30 Amer. U. S. Army Honolulu, T. H. New York, N. Y. General 6,300 S.47 29 Amer. U. S. Navy Balboa, C. Z. Cristobal, C. Z. S.42 7. 29 Amer. U. S. Navy Balboa, C. Z. Cristobal, C. Z. Cristobal, C. Z. S.42 7. 29 Amer. U. S. Navy Balboa, C. Z. Cristobal, C. Z. S.42 7. 29 Amer. U. S. Navy Balboa, C. Z. Cristobal, C. Z. S.45	Danana 1 2	27	28	Brit	Shell Oil Co	Los Angeles, Cal.	Curacao, N.W.I	Gas oil	11,581				
Republic 28 30 Amer. C. S. Army Honolulu, I. H. New York, N. Y. General. 690	Porto Bello 2	28	31	Pan	A. Tagaropulos	Adelaide, Aust	Montreal, Canada Colon, R. P	General	3,551				
Ludington * 27 31 Amer. U. S. Army Honolulu, T. H. New York, N. Y. General. 2,062 Utacarbon 1 28 31 Amer. Union Oil of Calif. Los Angeles, Cal. Paulsboro, N. J. (21) 4,132 Dallas City 29 30 Brit. Reardon-Smith Line. Osaka, Japan. N. of Hatteras. Sugar. 9,000 Ebba 2 30 9 Pan. H. Obarrio. Darien, R. P. Cristobal, C. Z. Bananas 60 Loriga 2 29 30 Brit. Pacific Steam Nav. Co. Talcahuano, Chile Liverpool, Eng. Copper, gen. 8,132 Koln. 29 30 Ger. North German Lloyd. Chimbote, Peru. Hamburg, Ger. Ger. General. 8,132 Karmt 2 30 30 Nor. Chile Nit. Sales Corp. Tocopilla, Chile Baltimore, Md. Nitrate. 8,832	Republic 8	28		Amer.	I S A report	Honolulu T. H.	New York, N. Y.	General					
Ludington * 27 31 Amer. U. S. Army Honolulu, T. H. New York, N. Y. General. 2,062 Utacarbon 1 28 31 Amer. Union Oil of Calif. Los Angeles, Cal. Paulsboro, N. J. (21) 4,132 Dallas City 29 30 Brit. Reardon-Smith Line. Osaka, Japan. N. of Hatteras. Sugar. 9,000 Ebba 2 30 9 Pan. H. Obarrio. Darien, R. P. Cristobal, C. Z. Bananas 60 Loriga 2 29 30 Brit. Pacific Steam Nav. Co. Talcahuano, Chile Liverpool, Eng. Copper, gen. 8,132 Koln. 29 30 Ger. North German Lloyd. Chimbote, Peru. Hamburg, Ger. Ger. General. 8,132 Karmt 2 30 30 Nor. Chile Nit. Sales Corp. Tocopilla, Chile Baltimore, Md. Nitrate. 8,832	S-47 7	29		Amer.	U. S. Navy	Balboa, C. Z	Cristobal, C. Z.	Frozen, gen.					
Ludington * 27 31 Amer. U. S. Army Honolulu, T. H. New York, N. Y. General. 2,062 Utacarbon 1 28 31 Amer. Union Oil of Calif. Los Angeles, Cal. Paulsboro, N. J. (21) 4,132 Dallas City 29 30 Brit. Reardon-Smith Line. Osaka, Japan. N. of Hatteras. Sugar. 9,000 Ebba 2 30 9 Pan. H. Obarrio. Darien, R. P. Cristobal, C. Z. Bananas 60 Loriga 2 29 30 Brit. Pacific Steam Nav. Co. Talcahuano, Chile Liverpool, Eng. Copper, gen. 8,132 Koln. 29 30 Ger. North German Lloyd. Chimbote, Peru. Hamburg, Ger. Ger. General. 8,132 Karmt 2 30 30 Nor. Chile Nit. Sales Corp. Tocopilla, Chile Baltimore, Md. Nitrate. 8,832	S-42 7	29		Amer	U. S. Navy	Balboa, C. Z	Cristobal, C. Z.						
Ludington * 27 31 Amer. U. S. Army Honolulu, T. H. New York, N. Y. General. 2,062 Utacarbon 1 28 31 Amer. Union Oil of Calif. Los Angeles, Cal. Paulsboro, N. J. (21) 4,132 Dallas City 29 30 Brit. Reardon-Smith Line. Osaka, Japan. N. of Hatteras. Sugar. 9,000 Ebba 2 30 9 Pan. H. Obarrio. Darien, R. P. Cristobal, C. Z. Bananas 60 Loriga 2 29 30 Brit. Pacific Steam Nav. Co. Talcahuano, Chile Liverpool, Eng. Copper, gen. 8,132 Koln. 29 30 Ger. North German Lloyd. Chimbote, Peru. Hamburg, Ger. Ger. General. 8,132 Karmt 2 30 30 Nor. Chile Nit. Sales Corp. Tocopilla, Chile Baltimore, Md. Nitrate. 8,832	Kastor	28		Greek.	Seaboard Ship, Co	Balboa, C. Z	Cristobal, C. Z.	Lumber.	7.848				
Ludington * 27 31 Amer. U. S. Army Honolulu, T. H. New York, N. Y. General. 2,062 Utacarbon 1 28 31 Amer. Union Oil of Calif. Los Angeles, Cal. Paulsboro, N. J. (21) 4,132 Dallas City 29 30 Brit. Reardon-Smith Line. Osaka, Japan. N. of Hatteras. Sugar. 9,000 Ebba 2 30 9 Pan. H. Obarrio. Darien, R. P. Cristobal, C. Z. Bananas 60 Loriga 2 29 30 Brit. Pacific Steam Nav. Co. Talcahuano, Chile Liverpool, Eng. Copper, gen. 8,132 Koln. 29 30 Ger. North German Lloyd. Chimbote, Peru. Hamburg, Ger. Ger. General. 8,132 Karmt 2 30 30 Nor. Chile Nit. Sales Corp. Tocopilla, Chile Baltimore, Md. Nitrate. 8,832	Sambu 2	29	31	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	48				
Bahas City 23 of Plan H. Obarrio Osaka, Japan. N. of Harteras. Sugar. 9,000 Ebba 2 30 9 Pan H. Obarrio Darien, R. P. Cristobal, C. Z. Bananas 60 Loriga 2 29 30 Brit. Pacific Steam Nav. Co. Talcahuano, Chile Liverpool, Eng. Copper, gen. 8,132 Koln. 29 30 Ger. North German Lloyd. Chimbote, Peru. Hamburg, Ger. General. 8,133 Karmt 2 30 30 Nor. Chile Nit. Sales Corp. Tocopilla, Chile Baltimore, Md. Nitrate. 8,830	Ludington 8	27			U. S. Army	Honolulu, T. H.	New York, N. Y.	General	2.062				
Bahas City 23 of Plan H. Obarrio Osaka, Japan. N. of Harteras. Sugar. 9,000 Ebba 2 30 9 Pan H. Obarrio Darien, R. P. Cristobal, C. Z. Bananas 60 Loriga 2 29 30 Brit. Pacific Steam Nav. Co. Talcahuano, Chile Liverpool, Eng. Copper, gen. 8,132 Koln. 29 30 Ger. North German Lloyd. Chimbote, Peru. Hamburg, Ger. General. 8,133 Karmt 2 30 30 Nor. Chile Nit. Sales Corp. Tocopilla, Chile Baltimore, Md. Nitrate. 8,830	Utacarbon 1	28	31	Amer	Union Oil of Calif.	Los Angeles, Cal.	Paulsboro, N. J.	(21)	4,132				
Loriga 2. 29 30 Brtt. Pacific Steam Nav. Co. Talcahuano, Chile Liverpoof, Eng. Copper, gen. 8, 132 Koln. 29 30 Ger. North German Lloyd. Chimbote, Peru. Hamburg, Ger. General. 8, 113 Karmt 2. 30 30 Nor. Chile Nit. Sales Corp. Tocopilla, Chile Baltimore, Md. Nitrate. 8, 830	Ebba 2	30		Pan		Darien, R. P	N. of flatteras	Sugar Banapas	9,000				
Karmt ² . 30 30 Nor. Chile Nit. Sales Corp. Tocopilla, Chile . Baltimore, Md. Nitrate . 8,830	Loriga 2	29	30	Brit	Pacific Steam Nav. Co.	Talcahuano, Chile	Liverpool, Eng.	Copper, gen.	8,132				
Charles 20 20 Amer Lithing C C Line Town J W. L M. J. L. Al	Karmt ²	30	30	Nor	Chile Nit, Sales Corp.	Tocopilla, Chile	Baltimore, Md.	General Nitrate	8,113				
Steel Worker 50 50 Amer Istimian S. S. Lines. Lownsend, Wash. Moonle, Ala Paper, gen 500	Steel Worker	30	30	Amer	Isthmian S. S. Lines.	Townsend, Wash.	Mobile, Ala	Paper, gen.	500				

¹ Tanker, ² Motor ship. ⁴ Tug. ⁷ Submarine. ⁸ Transport. ⁹ Destroyer. ¹³ Patrol boat. ¹⁴ For orders. ¹⁵ Plantains, lumber. ¹⁶ Lumber, fruit general. ¹⁷ Sugar, eotton goods, general. ¹⁸ Sugar, pineapples. ¹⁹ Coffee, tagua, hides. ²⁰ Copper, cotton, sugar. ²¹ Refined petroleum products.

PACIFIC TO ATLANTIC—Continued

	rived	eared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Dallington Court. Minnesotan Knute Nelson 2	30 30 30	30 30 31	Brit Amer Nor	Canadian Transp. Co. AmerHawaiian Line Fred Olsen & Co	Cowichan, Br.Col. Seattle, Wash Vancouver, B. C.	Hull, England Boston, Mass Oslo, Norway Cristobal, C. Z	Wheat, lum. General General	8,700 6,484 7,460
Mareom 2	31 30	1 31	Pan Amer	H. ObarrioQuaker Line	Darien, R. P Portland, Oreg	Cristobal, C. Z Philadelphia, Pa	Bananas Lumber, gen.	80
San Anselmo Leiv Eiriksson ¹ ² American	31 31	31 31	Nor Amer	T. Dannevig & Co AmerHawaiian Line	Los Angeles, Cal. S. Francisco, Cal.	Philadelphia, Pa. Curacao, N.W.I Baltimore, Md	Stove oil.	14,029 5,405
American King Gruffydd Nako Maru ²	31 31	31	Brit Jap	Seaboard Ship. Co Nippon Yusen Kaisya	Pt. Alberni, B. C.	Hull, England Balimore, Md	Wheat, lum. Sugar, gen.	7,988 7,265
Nako Maru ² Moldanger ² Nitro ¹³	31 30	1 2	Nor Amer	Interocean S. S. Corp. U. S. Navy	Iloilo, P. I Portland, Oreg San Diego, Calif.	Rotterdam, Neth. Norfolk, Va	Grain, gen	1.068
Nitro ¹³ Soloy ² Hoegh Hood ¹ ²	1	1	Nor	Sheaboard Ship. Co H. P. Drewry, Paris.	Pt. Alberni, B. C. LaLibertad, Eeua.	Hull, England	Lumber Crude oil Grain, copper General	7,071
Laila. Pacific President ²	1 1	î	Dan Brit	Wessel, Duval & Co. Furness, Withy & Co.	SanAntonio, Chile Victoria, B. C	Donges, France New York, N. Y. London, England	Grain, copper	2,309
Tuira 2	Î	2 2	Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P. Darien, R. P. Lyttelton, N. Z.	Cristobal, C. Z.	Bananas	28 33
Real ² . Tamaroa Salvador Santa Maria ² .	1	2 8	Brit Brit	Shaw, Savill & Albion Pacific Steam Nav. Co.	Lyttelton, N. Z. Cahmp'ieo, Gnat.	London, England Cristobal, C. Z. New York, N. Y.	Frozen, gen General	3,893 842
Santa Maria 2	2	2	Amer.	Graee Line	Valparaiso, Chile	New York, N. Y.	General.	4,038
Nevada Santore Patria ²	1 2 2 2 2 2 2 2 31	3	Fr Amer	Ore S. S. Corp.	Talcahuano, Chile. Cruz Gr'de, Chile Valparaiso, Chile.	Basse Indre. Baltimore, Md	Copper, gen. Iron ore	11,500
Maui	2	3	Ger Amer	Hamburg-Amer. Line. Baltimore Mail Co	S. Francisco, Cal.	Hamburg, Ger. New York, N. Y.	General	4,586 5,164
Montanan Point Bonita	2	2 2 3	Amer	AmerHawaiian Line. Swayne & Hoyt	Portland, Oreg Seattle, Wash	Boston, Mass PanamaCity,Fla	General General General	5,579 5,496
Yomachichi ² Goslar	2	4	Amer Ger	Roosevelt S. S. Co. North German Lloyd.	Brisbane, Aust South Pacific	Norfolk, Va Boston, Mass	(16)	2,386 7,412
Goslar	2 3 3 3 3 3	5 4	Pan Ger	Elliot Ship. & Land Co. Hamburg-Amer. Line. Canadian Transp. Co.	B'ventura, Col Vancouver, B. C.	Cristobal, C. Z Hamburg, Ger	Coffee, gen General	7,412 1,020 7,017
Ino 4,	3	3 5	Greek. Neth	Royal Neth. S. S. Co.	Victoria, B. C Guayaquil, Eeua.	London, England Cristobal, C. Z	(17) (18)	7,550 380
Ann Stathatos	4	5 4	Hond Greek.	United Fruit Co American Export Co.	La Union, Salv Dairen, China	New Orleans, La. Vera Cruz, Mex	(19) (20)	1,064 7,306 150
Douro 2	4	7.7	Neth Amer	Royal Neth. S. S. Co. U. S. Navy	Los Angeles, Cal.	New Orleans, La. Vera Cruz, Mex Cristobal, C. Z Cristobal, C. Z.	Coffee, hides Gasoline, oil.	
S-25 7 S-29 7 Nemours 2.	4		Amer	U. S. Navy U. S. Navy	San Diego, Calif. San Diego, Calif.	Cristobal, C. Z Cristobal, C. Z		
Noparo 6	4	8	Fr	N. B. Woolworth	B'ventura, Col Los Angeles, Cal.	Cristobal, C. Z N. London, Conn.	Coffee	159
Peter Maersk ² Susan V. Lueken-	4	5 4	Dan Amer	Maersk Line Luckenbach Line	Cebu, P. I Tacoma, Wash	New York, N. Y. Boston, Mass	Ballast General Lumber, gen.	5,589 6,342
bach. Porto Bello ²	4	4	Pan	A. Tagaropulos	Darien, R. P	Colon, R. P	Plantains	2
Pennsylvania Sun. ¹ ²	4	5	Amer	Sun Oil Co	El Segundo, Cal.	Marcus Hook, Pa.	Gasoline	17,468
Occidental ¹ Mayari	4.5	6 5	Amer Pan	The Texas Co United Fruit Co	Los Angeles, Cal.	Bayonne, N. J Boston, Mass	Gasoline Ballast	8,381
Goodleigh Daronia 1 2	5	5	Brit Brit	Seaboard Ship. Co Anglo-Saxon Pet. Co.	Puntarenas, C. R. Pt. Alberni, B. C. Los Angeles, Cal.	London, England Rotterdam, Neth.	Lumber	111 024
San Diego	5 5 5 5 5 5 5	6	Fr Amer.	French Line. Weyerhaeuser S.S. Co.	Vancouver, B. C. S. Francisco, Cal.	Havre France.	General	6,395
Hanley. Chincha. Santa Isabel ²	5 29	5	Amer Nic	AmSo. African Line. B. Guererro	Seattle, Wash Corinto, Nic	New Jersey Baltimore, Md Bluefields, Nic.	General Lumber, gen. (21) Sugar	6,396
Oremar	5	.5	Amer Ger	Calmar Line Hamburg-Amer. Line.	Tacoma, Wash	Philadelphia, Pa. Cristobal, C. Z.	(22) Coffee, gen	7.084
Cerigo	5 5 5 5 5 6 6 6	6	Amer.	Ore S. S. Corp Italian Line	Cruz Gr'de, Chile Valparaiso, Chile.	Baltimore Md.	Iron ore General	790 21,500
San Angelo	5	6	Amer.	Quaker Line	Portland, Oreg Portland, Oreg	Genoa, Italy New York, N. Y. Avonm'th, Eng.	Lumber, gen.	1.7 - 016
Steel Mariner Calmar	6	6	Amer	Calmar Line	Astoria, Oreg Seattle, Wash	Raltimore, Md	General Copper, lum. General	7,957 6,072 7,642
Wind Rush	6	6	Nor Amer	Knutsen Line Shepard S. S. Co	Pt.Angeles, Wash.	Glasgow, Seotland Boston, Mass	Lumber, gen.	7,642 7,764 849
Mosfruit ²	6	6 7	Nor Jap	M. Mosvold Farsund. Kokusai Kisen Kaisha	S. Francisco, Cal. Manila, P. I Darien, R. P	Liverpool, Eng. New Olreans, La. Cristobal, C. Z. Curacao, N.W.I.	General	7,559
Marconi ² Tornus ¹ ²	7	8 7	Pan Brit	D. Campodonico Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N.W.I	Bananas Kerosene	48 11,279
Mahimahi Woodeock 4	6 7 7 7 7 7 7 7		Amer	Matson Nav. Co U. S. Navy. Chile Nit. Sales Corp.	Los Angeles, Cal. Honolulu, T. H Balboa, C. Z. Iqnique, Chile	Cristobal, C. Z	Tow. barge.	8,825
Tomislav	7	7 7 7	Y-Slav. Nor	Petroleos Mexicanos	Cludy mas, McAico	Azores, 14	Nitrate Ballast	8,050
Osnabruek 2	7	8	Brit Ger	J. S. Webster & Sons. North German Lloyd.	N. Westm'er, B.C. Corral, Chile	Hamburg, Ger	Lumber, gen. General	1,917 5,757
Lt. Col. H. C. Sehumm. ⁴		8	Amer.	U. S. Army	Balboa, C. Z	Cristobal, C. Z.		
Marore Santa Rita 2	8	8	Amer	Ore S. S. Corp Grace Line	Cruz Gr'de, Chile Chanaral, Chile	Baltimore, Md New York, N. Y.	Iron ore General	22,500 1,648

Tanker. ² Motor ship. ⁴ Tug. ⁶ Yacht. ⁷ Submarine. ¹³ Supply ship. ¹⁴ For orders. ¹⁵ Lumber, potash, general. ¹⁶ Flour, concentrates. ¹⁷ Oats, iron ore, lumber. ¹³ Coffee, hides, wood. ¹⁹ Coffee, bananas. ²⁰ Soy beans, general. ²¹ Pulp, lumber, general. ²² Lumber, wood pulp. ²³ Fresh canned fruit. ²⁴ Sugar, canned pineapples.

PACIFIC TO ATLANTIC-Continued

	ved	arcd	NY .:	Υ.	Po	ort	Cargo	
Ship	Date arrived	Date cleared	Nation- ality	Line (Charterer or operator)	From-	For—	Nature	Long tous
Mexican. Northland ² ¹³ . Talaralite ¹ Orion ¹² Gracia. Pereira. Cellina ² . City of Los Ange-	7 6 8 4 8 8 8 8	8 10 8 8 9 9	Amer Amer Brit Brit Pan Ital Amer	AmerHawaiian Line. U. S. Coast Guard. Imperial Oil Ship. Co. British Government. Donaldson Line. Grace Line. Italian Line. Panama-Pacific Line.	Los Angeles, Cal. Oakland, Calif Talara, Peru San Diego, Calif. Victoria, B. C Champ'ico, Guat. Vancouver, B. C. S. Francisco, Cal.	Boston, Mass Boston, Mass Aruba, N. W. I Kingston, Jam Glasgow, Scotland Cristobal, C. Z Trieste, Italy New York, N. Y.	Refined oil General General Wheat, gen General	8,810 3,484 5,670 886 7,493 5,201
les. Queen City. Sambu ² . Sona ² . Real ² . Jacob Luckenbach American Oriole. Tekoa. Coloradan. Clausina ¹ ² . Fernglen ² . Tokai Maru ² . Lt. Col. H. C.	8 8 8 8 6 8 9 9 9 9 9	9 9 8 9 9 9 9 9	Pan Pan Amer Amer Brit	Anglo-Can. S. S. Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co. Luckenbach Line. Puget Sd. Lum. Co. N. Z. Shipping Co. Amer. Hawaiian Line. Anglo-Saxon Pet. Co. Fern Line. Osaka Syosen Kaisya. U. S. Army.	Victoria, B. C. Darien, R. P. Darien, R. P. Darien, R. P. Darien, R. P. Seattle, Wash Pt. Angeles, Wash Auckland, N. Z. Seattle, Wash S. Francisco, Cal. Cebu, P. I. Dairen, China Balboa, C. Z.	London, England Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Tampa, Fla . New York, N. Y. Glasgow, Scotland Baltimore, Md Curacao, N.W.I. New York, N. Y. Antwerp, Belgium Cristobal, C. Z.	(13) Bananas Bananas Bananas General. Lumber, Frozen, gen Lumber, gen Gasoline (14) General.	7,600 48 35 45 2,749 7,600 5,691 6,210 11,421 8,500 5,492
Schumm. ⁴ Boskoop. Lochgoil ² Huascaran ² Athina Livanos. Willmoto ² Falcon. Wisconsin Gertrude Kellogg ¹ Columbia Star ² Forbes Hauptman Kyusyu Maru ² Alabaman Colombia ² Colio ²	10 10 10 10 10	10 10 10 10 10 10 10	Greek. Amer Ger Amer Fr Amer Brit Amer Jap	Royal Neth. S. S. Co. Royal Mail Lines. Hamburg-Amer. Line. Joseph Pyke & Sons. Arrow Line. North German Lloyd. Grace Line. French Line. Kellogg S. S. Corp. Blue Star Line. McCormick S. S. Co. Osaka Syosen Kaisya. AmerHawaiian Line. Elliot Sbip. & Land Co. Royal Neth. S. S. Co.	Corral, Chile Victoria, B. C. Valparaiso, Chile. Portland, Oreg Astoria, Oreg San Antonio, Chile. Vancouver, B. C. Manila, P. I N. Westm'er, B. C. Seattle, Wash. Davao, P. I Portland, Oreg B 'ventura, Col Guayaquil, Ecua.	Hamburg, Ger Rotterdam, Neth. Hamburg, Ger Manchester, Eng. Baltimore, Md. Cristobal, C. Z New York, N. Y. Havre, France New York, N. Y. Newcastle, Eng. Philadelphia, Pa. Baltimore, Md. Boston, Mass Cristobal, C. Z Cristobal, C. Z	Nitrate, gen. (15) General Wheat Coffee, gen Mineral, gen General Coconut oil Frozen, gen Lumber, gen. General Lumber, gen. General (16)	6,868 7,507 7,465 8,300 7,053 647 2,175 6,149 6,685 6,577 7,365 6,374 6,894 526 409

Tanker. ² Motor ship. ⁴ Tug. ¹² Cruiser. ¹³ Coast Guard ship. ¹³ Lumber, grain, general. ¹⁴ Chrome ore, ar. ¹⁵ Wheat, lumber, general. ¹⁶ Coffee, tagua, balsa. sugar. 15 Wheat, lumber, general.

Comparison of Traffic at the Suez and Panama Canals for the Fiscal Years 1939 and 1938

		Suez	Canal		Panama Canal					
Month	Number of transits		Percent		Number of transits		Percent			
İ	1939	1938	Increase	Decrease	1939	1938	Increase	Decrease		
uly	509	551		7.6	429	457		6.		
ugust	522	531		1.7	468	505		7.		
eptember	508	522		2.7	438	444		0.		
October	540	557		3.1	494	461	7.2			
lovember	495	526		5,9	505	435	16.1			
December	503	541		7.0	509	439	15.9	<i></i>		
anuary	472	544		13.2	525	444	18.2			
ebruary	496	508		2.4	501	436	14.9			
larch	536	578		7.3	553	506	9.3			
pril	509	516		1.4	496	487	1.8			
lay	508	479	6.1		506	465	8.8			
une	474	469	1.1		479	445	7.6			
Total	6.072	6,322		4.3	5,903	5,524	6.9			

Postal and Telegraphic Address of The Panama Canal

The postal address is, "The Panama Canal, Balboa Heights, Canal Zone," or "The Panama Canal, Washington, D. C."

Mail for ships passing through the Canal or touching at either of the terminal ports should be addressed to "Cristobal, Canal Zone."

The cable and radio address of The Panama Canal, on the Isthmus, is "Pancanal, Panama;" in the United States, "Pancanal, Washington."

Tolls Charges for Transit of the Panama Canal

(Effective March 1, 1938)

1.	Complete transit (one way):	
	(a) Merchant vessels, yachts, army and navy transports, colliers, hospital	
	ships, and supply ships, when carrying passengers or cargo—	
	Per net vessel-ton of 100 cubic feet each of actual earning capacity—that	
	is, the net tonnage determined in accordance with the Rules for the	
	Measurement of Vessels for the Panama Canal	\$0.90
	(b) Vessels in ballast without passengers or cargo—	
	Per net vessel-ton	.72
	(c) Other floating craft, including warships, other than transports, colliers,	
	hospital ships, and supply ships—	
	Per ton of displacement	.50
2.	Part transit:	
	Vessels returning from Gatun Lake to original point of entry into the	
	Canal, without passing through the locks at the other end, are charged	
	tolls for one passage only.	
3	Free transit:	

Vessels transiting the Panama Canal by prearrangement from Cristobal' to Balboa and return for the sole purpose of having repairs made at Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal,

Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of directional charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order

in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic

Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, \$7.75 per ton; second 250 tons, \$7 per ton; balance over 500 tons, \$6.50 per ton. Balboa, first 250 tons, \$10.75 per ton; second 250 tons, \$10 per ton; balance over 500 tons, \$9.50

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the

coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour,

regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices to individuals and companies, as of May 11, 1939:

Commodities	Unit	Price
Brass, bar, average.	Lb.	\$0.23
Brass, sheet, average	Lb.	.30
Bronze, Tobin, average	Lb.	.22
Gasoline, motor grade	Gal.	.10
Metal, vellow		.26
Oakum, Nayy, spun	Lb.	.18
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.31
Oil, engine, gas, light, in drums, No. 2135	Gal.	.28
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.32
Oil, engine, gas, extra heavy, in drums, No. 2250	GaL	.30
Oil kerosene in drums	Gal.	. 10
Oil. marine, engine.	Gal.	.50
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil.	Lb.	.12
Paint, zinc oxide, dry	Lb.	.09
Paint, zinz oxide, in oil.	Lb.	. 12
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, vellow, cup, medium.	Lb.	.07
Grease, yellow, cup, hard	Lb.	.07
Soda, ash		.03
Waste, cotton, colored		.11
Waste, cotton, white		.13

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OUS FORCE FEED AND MOTOR CYLINDER

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication. Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2350.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2300.—An ultra heavy oil for the lubrication of power cylinders, air compressors,

and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

motives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Labrication and protection of chains wire rope, and greats.

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steamshovels, etc.

Machine, odorless, Steamshovels, etc.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated

steam.

eam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot .- For softening and preserving leather. Solvent.—Rust-preventing lubricant, for general use. Sperm.—Used principally by U. S. Navy.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks

of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, \$1 per barrel at Cristobal and Balboa; Diesel oil, \$1.65 per barrel at Cristobal and Balboa.

Provisions Required by Ships

Commissary Division, Panama Railroad Company, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats (including native beef), ice, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery, or for delivery at the other terminal after transit.

Density of Water in Balboa and Cristobal Harbors

Place.	Weight of sea	Rainy season. Average tempera-		
1 1800.	Average.	Maximum.		ture. Degrees F.
Cristobal (between docks 8 and 9)		1020 1021	1013 1005	84.0 83.0

(Note.—The above is based on two months' observations at Cristobal and Balboa. Average taken at 12-foot depth. Minimum occurred after heavy rain at 3-foot depth at Cristobal and 12-foot depth at Balboa. The weight of a cubic foot of fresh water at 85° F. is 995 ounces.

Information from American Consuls

The Consular officers of the United States at seaports all over the world are ex officio representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc., at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time

by applying to the nearest American Consul.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil,

stocks at both ends of the Canal. Crude ruel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native heef) fruits vegetables ergs butter canned beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, and tobacco, which are for sale to ships at reasonable prices. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, float-

A 1,000-foot drydock, a smaller drydock, noating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Trips Through the Canal

Trips Through the Canal

The following lines operating passenger carrying vessels through the Canal carry local passengers from one terminal to the other: Grace Line, Johnson Line, Hamburg-American Line, North German Lloyd, Navigazione Generale Italiana, Pacific Steam Navigation Co. The Panama Pacific Line carries passengers from Balboa to Cristobal only, their rate being \$10, first class only. The rate is \$5 on the Grace Line, Johnson Line, and Pacific Steam Navigation Co., and \$6 on the Hamburg-American Line, North German Lloyd, and Navigazione Generale Italiana vessels, first class passage. The Pacific Steam Navigation Company also have a rate of \$4 second class and \$2 third class.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides:

From Colon: Daily, 7:00 a. m.; 11 a. m.; 5 p. m.;

From Panama: Daily, 7:05 a. m.; 1:10 p. m.; 5 p. m.; 7:55 p. m.

The time required for passage from one termities other is 1 hour and 25 minutes.

THE PANAMA CANAL RECORD

Volume XXXIII

OFFICIAL PUBLICATION OF THE PANAMA CANAL

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No. 2

at Cristobal, C. Z., under the Act of March 3, 1879.

Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Traffic Through the Panama Canal in August 1939

Balboa Heights, C. Z., September 15, 1939

The total vessels of all kinds transiting the Panama Canal during the month of August 1939, and for the same month in the two preceding years, are shown in the following tabulation:

		August 1939	August		
	Atlantic to Pacific	Pacific to Atlantic	Total	1938	1937
Ocean-going commercial traffic.	252 38	238 32	490 70	468 84	505 70
Noncommercial vessels: United States Government. Colombian Government	22	18	40	49	34 1
For repairs	1	1	2	1	1
Total	313	289	602	602	611

¹ Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC 2

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the 12-month period ended August 31, 1939, as compared with the 12-month period ended August 31, 1938:

26 11	No. of vessels		Panama Canal net tonnage		Tons o	f cargo	Tolls		
Month	1938-9	1937-8	1938-9 3	1937-8 4	1938-9	1937-8	1938-9	1937-8	
September. October. November. December. January. February March April. May. June July August.	438 494 505 509 525 501 553 496 506 479 485 490	444 461 435 439 444 436 506 487 465 445 429 468	2,005,241 2,276,194 2,302,333 2,336,011 2,282,318 2,586,580 2,278,326 2,341,894 2,268,679 2,254,398 2,247,009	2,139,000 2,182,000 2,110,000 2,070,000 2,073,000 1,993,000 32,311,526 32,258,836 32,150,228 32,064,793 31,933,816 32,177,699	1,998,464 2,359,673 2,223,830 2,374,395 2,393,360 2,206,963 2,664,068 2,472,504 2,538,949 2,437,087 2,317,697 2,385,039	2,385,142 2,438,788 2,185,283 2,046,170 2,095,402 1,998,827 2,268,548 2,279,235 2,309,171 2,122,389 2,025,660 2,171,674	\$1,741,895,46 1,977,706,76 1,984,014,72 2,031,017,04 2,062,454,16 1,996,735,66 2,252,156,28 1,999,851,16 2,053,502,16 1,974,380,72 1,964,776,48	\$1,935,673.78 1,981,087.87 1,593,462.00 1,845,048.20 1,845,048.20 1,756,611.45 2,015,585.34 1,961,456.58 1,886,825.66 1,801,291.78 1,694,205.00 1,890,050.74	
Total	5,981	5,459	27,559,899	25,443,898	28,372,029	26,326,289	24,015,922.54	22,529,193.12	

² Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

3 Panama Canal net tonnage as figured under rules which became effective March 1, 1938.

⁴ Estimated tonnage under rules which became effective March 1, 1938.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of August 1939. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic.

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantie to Pacific		1,404 1,086	\$1,086.48 960.84	499 1,034
Total	70	2,490	2,047.32	1,533

Traffic by Nationality of Vessels 6 for August 1939

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
British	6113	581,909	\$503,843.56	512,079
Chilean	2	10,025	9,022.50	4,620
Danish	17	68,980	61,744.14	82,226
French	14	54,048	47,839.68	53,826
German	27	102,311	. 92,008.44	109,127
Greek	12	55,104	47,664.54	71,741
Honduran	5	6.804	6.066.36	5,788
Italian	4	24,869	22,382,10	11,178
Japanese		128,639	115,775,10	159,183
Netherland	23	43,688	37,274,76	29,972
Norwegian	53	243,823	207.766.98	260,786
Panamanian	17	29.720	25,456.68	37,742
Swedish	8	39,299	33 246.72	50,912
United States		839,667	739,197,90	971,257
Yugoslav	4	18,123	15.487.02	24,602
Total	490	2,247,009	1,964,776.48	2,385.039

⁵ Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. displacement tons.

Traffic by Trade Routes for August 1939

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo is frequently laden or discharged at ports en route, the cargo ton-nage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

	I	Atlantic to P	acific	1	Pacific to Atl	antic
Trade route	No.	Panama	Tons	No.	Panama	Tons
	of	Canal net	of	of	Canal net	of
	ships	tonnage	cargo	ships	tonnage	cargo
United States intercoastal	59	303,110	232,713	61	311,108	458,966
East coast United States and:		4 645		9	11 710	00 510
Canada Central America/Mexico	1 3	4,645 4,824	7,756	3	11,712 4,828	20,512 1,624
South America	16	69,975	17,887	16	66,252	163,980
Hawaiian Islands	2	9,837	6,400	7	33,808	59,057
Australasia	7	33,186	39,859	i	5,192	7,412
Philippine Islands.	8	43.054	45,613	8	42.370	54,377
Far East	26	134,841	209,232	5	29,800	36,890
Canada intercoastal				1	10,977	
East coast Canada and:						
United States	1	4,261	8,047			
Australasia	4	21,225	19,489	3	15,328	10,287
Far East	1	6,153 6,264	8,037 11,505	1	6.264	
Central America/Mexico intercoastal	1	0,204	11,505	1	4,061	7,306
East coast Central America/Mexico and Far East South America intercoastal	7	10,126	16,485	1	4,001	1,000
East coast South America and:	٠.	10,120	10,100			
United States	1	4.559	4,059			. .
Canada	3	12,903	13,419	2	8,825	11.002
Far East	2	10,358	9,471	1	5,331	2,353
Cristobal and:		· ·			· ·	
United States				1	6,204	9,768
Central America/Mexico	4	2,806	2,962	5	3,322	4,158
South America	15	8,962	6,175	20	12,251	7,736
West Indies and: United States.	2	11,787		2	9,914	20,110
Canada	2	11,787		1	1,391	1,917
South America	1	5,435	11,569	i	1,617	3,484
Europe and:	1 1	0,100	11,000	1	1,011	0,101
United States	10	37,308	8,801	12	54,498	85,740
Canada	34	177.878	32,908	42	218,763	322,131
Central America/Mexico	1	3,272	5,484			
South America	29	151,376	42,291	19	103,481	148,616
Hawaiian Islands				1	6,258	13,499
Australasia	6	47,730	33,051	13	79,477	84,895
Far East	2	12,361 4,042	8,295	4	21,473	27,658
Egypt and South America	1	4,042				
United States	1	5,183			'	
South America		0,100		1	3,715	7,424
Around the world	2	14,572	7,145	î	5,561	5,484
Vessels not engaged in commerce.	7 2	665		8 2	530	
Total	252	1,162,698	808,653	238	1,084,311	1,576,386
	1	, - 0-, 000	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , , , , ,

⁷ Includes 1 yacht and 1 fishing boat. ⁸ Includes 1 yacht and 1 naval vessel.

⁶ Includes 1 payal vessel of 8,600

Origin and Destination of Cargo by Major Areas, August 1939

The following table summarizes the origin of cargo passing through the Canal in August 1939, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

	Tons of cargo destined for—						
Origin	United States	Other North America	Asia	South America	Austral- asia	Total	
North America: United States Other North America Europe Miscellaneous.	236,867 9,755 28,751 17,311	17,533 15,506 17,363 482	264,361 4,443 1,443 9,253	17,079 26,157 34,105 15,845	43,190 21,203 28,006	579,03 77,06 109,66 42,89	
Total	292,684	50,884	279,500	93,186	92,399	808,68	

PACIFIC TO ATLANTIC

Origin	United States	Other North America	Europe	Miscel- laneous	Total
North America: United States Canada Other North America South America Australasia Asia	453,411 20,512 60,217 160,596 10,674 91,322	46,053 5,435 5,008 15,183 7,024 9,898	182,161 213,836 14,668 147,979 84,895 26,250	10,212 3,082 7,482 1 487	691,837 242,865 79,893 331,240 102,594 127,957
Total	796,732	88,601	669,789	21,264	1,576,386

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during August 1939 or August 1938, are listed below:

Commodity	Aug	ust	Commodity	August		
Commodity	1939 1938		Commodity	1939	1938	
Atlantic to Pacific Automobiles and parts Canned food products Cement Chemicals Coal and coke. Coffee. Cotton, raw. Iron and steel Machinery. Manufactured goods (unclassified) Metals, various. Oils, mineral Ores. Paper Phosphates Scrap metal. Sulphur Pacific to Atlantic Barley.	18,822 14,982 11,926 12,224 31,704 10,330 10,698 127,671 13,114 19,178 13,560 81,431 10,310 35,618 30,268 116,449 32,414	15,093 7,962 8,037 10,083 14,197 8,028 21,099 124,583 11,181 12,301 26,725 75,325 2,491 48,532 1,494 41,008 20,289	Pacific to Atlantic—Continued Beans, edible, dry Canned food products Coffee Cold storage (food products) 9. Copra Flour Fruit, dried Fruit, fresh 10 Lumber Metals, various. Molasses and syrups Nitrates Oils, mineral Oils, vegetable Ores Paper Phosphates Soy beans Sugar Wheat Wood pulp	8,000 111,417 10,570 26,642 10,097 8,744 20,885 18,317 371,124 47,325 14,201 52,498 241,476 16,619 192,217 14,256 16,732 25,278 124,311 81,773 23,634	13, 688 106, 266 16, 522 32, 618 24, 544 13, 388 24, 800 22, 244 268, 377 49, 003 84, 083 310, 114 14, 281 161, 261 12, 711 6, 400 36, 300 102, 833 43, 757 13, 344	

⁹ Does not include fresh fruit.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of August 1939, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise, but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

¹⁰ Does not include bananas.

	United States intercoastal		Total for all trade routes including U. S. intercoastal	
Commodity		Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
kireraft and parts gricultural implements			4	47
.gricultural implements	703	23 196	3,617	38
alfalfa meal mmonium compounds	109	35	5,735	
animal loods 11.*	33 36	35	33 43	. 9
shestos	666		4,016	
sphalt and tar utomobiles (and autotrucks)	202 750	31	2,455 10,474	78 4
utomobile parts and accessories	870	4	8,348	1
ags and bagging, textile	279		457	$\frac{3}{32}$
ananas. arks, miscellaneous				2.12
arks, miscellaneousarley				12.51
eans, edible, dry		4,033		8,00
Beer			259 287	1 5
lood and tankage ones and bone meal ooks and printed matter			2,468	
ooks and printed matterorax		495	5	6,28
Bran and pollards	159	673	159	2,84
Bricks and tile	253		2,189	
Fish	1,008	7,027	1,423	9,21
Fruit	1,419	27,011	1,474	74,14
Meat Milk	63	116 362	2,133 771	70 43
Soup	5,383	150	5,490	.18
Vegetables Miscellaneous and unclassified.	1,174 2,172	8,303 16,701	1,189 2,502	S,80 17,98
arbon black	4		480	
elite ement	756	220 5	11,926	22 30
halk			100	6
harcoal	6,810	9 190	751 12,224	2,96
hemicals ¹¹ lay, china and fire lay, filtering.	575	2,128 184	692	52
lay, filtering	1,620	107	17 19,736.	28
oal ocoa and cacao beans. ocoanuts and products ¹¹ . offee.	125		420	1.08
oconuts and products 11.	124 522	1,277	417	3,84
oke.	350	69	10,330 11,968	10,57
oke. old storage and refrigerated products:	07	00		10.07
Dairy products. Eggs	67	20 4	259	10,34 22
Fish	40	135	56	89
Lard Meats.	610 46	4 3	824 95	14.45
Poultry		59		, 6
Vegetables Other and unclassified.	111	100	8 135	34 28
Confectionery	1,466		1,525	
opra. Orn.	7,512	13	30 8,137	10,09
Cotton, raw,	333	431	10,698	7,18
reosote. Drugs and medicines.	$\frac{20}{3,271}$	217	7,787	30
Oves.	0,211	214	3,539 430	30
arthenware			369	38
ggs, dried. lectrical apparatus and appliances.	2,649	228	3,859	$\frac{1}{26}$
namel and metal ware	1,020	192	2,129	31
Explosives Extract, quebracho		10	749 1,689	1
ertilizers ¹¹ ish, salted or dry-cured	176	190	1,955	66
ish, salted or dry-curedish meal.			5	88
loor coverings	2,752	874	3,092 2,360	1,02
lour ruit, dried	324 74	4,978 10,256	$\frac{2,360}{93}$	1,02 8,74 20,88
ruit, fresh ¹¹ urniture and houschold goods		10,256 3,320	18	18,31
urniture and household goodsallnuts.	829	312	989	59
eneral	15,917	6,983	47,024	16,60
eneral lass and glassware.	2,508	195	5,563	77
luc	92	66	92 248	6
rains ¹¹ . roceries.	2,312		2,729	42

4 Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
		Pacific to Atlantic	Atlantie to Pacifie	Pacific to Atlantic
Gums.	86	26	3	93
Hair, all kinds. Hay		13 310	86	115 603
Hay Hemp, unmanufactured Honey	59	50 118	95	2,576 254
Hops		29	135	29
Infusorial earth Iron aud steel, manufactures of (structural steel, plates, bars, angles,	30	530	30	26 1,010
pipe, etc.)	77,449	418	127,671	512
Ivory nuts. Jute, unmanufactured.	23		113 72	1,611
Lard substitute				37 34
Lime Liquors.	3,595	53	224 5,815	72
Liquors. Lumber (including manufactured mill products). Machinery.	2,384 1,869	177,619	7,461	371,124
Malt Manufactured goods ¹¹		556	13,114 30	814
Marble and granite	7,849	1,667	19,178 172	3,282
Matches	514	43	664	43
Antimony			60	50
Copper Gold and silver.	591	4,775	$\frac{3,682}{5}$	23,402 922
Iron Lead.	3,198 55	103	5,482	42
Tin		355	103 848	11,672 770
Zinc . Other and unclassified.	84 128	10 76	1,500 1,880	8,470 1,997
Milk, powdered Molasses and syrups	241	354	49 251	354 14,201
Nitrates	2,315	687	4,127	52,498
Nuts, edible (including meats) Dats.	209	135 12	488 213	1,030 7,111
Oil, mineral: Crude.				
Gas and fuel	42	18,762 34,941	17,027 33,037	68,975 44,763
Kerosene		40,701 9,138	4,804 886	89,013 36,981
Lubricating and greases. Other and unclassified.	7,922	1,084	25,638	1,647
Oils, vegetable:	99		39	97
Coconut. Cottonseed.	48	550	849	8,732
Linseed. Olive.	42 38	· · · · · · · · i	130 424	
Peanut		14		16
Teaseed				$\frac{15}{362}$
Other and unclassified.	92 186	11 33	92 788	1,974 5,519
JII, 11511	381	541	541	645
Oil, whale Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	38	165	1,985	183 1,433
Oilseed cake and meal.	538		580	5,521
Antimony		92		1,025
Copper		155	6,539	5,850 8,339
	706	16	716	137,666
Lead Magnesite			540	5,102
Manganese		1,723	126	2,228 7,116
Zine.	18	125	270	$\frac{1,448}{2,528}$
Other and unclassified. Paints and varnishes.	57 1,811	100 134	2,119	20,911
raper and paper products 11	12,566	8,421	$\frac{2,962}{35,618}$	$145 \\ 14,256$
Peanuts Peas, dry	448	279	448	582 448
Peatmoss Phosphates	7,932		658	
riaster			30,268 55	16,732
Porcelainware.	262	18 2,669	787	2,108 2,669
Otasii				
Potash Pyrethrum flowers Rags and waste	262	62	1,764	45 358

¹¹ Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U.S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rice	860 223 1,615	673 64 35	986 314 3,518	1,864 243 69
Rubber: Manufactured. Raw.	640	345 186	1,327 2 $2,875$	413 2,333 257
Serap Salt Sand Serap metal Serap	270 913 129	803	5,467 3,315 116,449	803 9 2,180
Seeds (except oilseeds) Shells, oyster. Silk, raw	82 459	2,869	557 519 21	3,488 380 1,838
Skins and hides. Slate. Soaps and products.	3,815 3,001	1,069	374 3,815 3,073	5,867
Soda and sodium compounds: Soda ash. Soda, caustic Miscellaneous and unclassified.	360 563 860		$1,190 \\ 2,318 \\ 1,061$	453 500 99
Soy beans. Spices. Sugar	672 363	19 17,789	672 394 311	25,278 112 124,311
Sulphur Tale Tallow Tea	7,370 582 77	36 54 121 15	32,414 6 693 137	$\begin{array}{r} 56 \\ 254 \\ 2,424 \\ 787 \end{array}$
Textiles ¹² . Tinplate. Tobacco and manufactures.	5,389 1,245 272	58 32 154	8,943 9,399 2,296	3,406 285 539
Toilet preparations Turpentine Vegetables, dry ¹¹	531 205	92	579 307	190 995
Wallboard Wax, paraffin Wheat	115 99 36	101	366 1,083 244 556	981 408 81,773 2,672
Wines. Wood pulp. Wool	1,260	17,738 3,220	2,485 101	23,634 6,651
Total, August 1939.	236,867	453,411	808,653	1,576,386
Total, August 1938	193,699	347,346	639,159	1,532,515
Total, August 1937	276,304	433,150	1,062,590	1,718,013

¹¹ Except as otherwise classified.

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of August 1939:

	Atlantic to Pacific			Pacific to Atlantic			
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo	
United States intercoastal East coast United States and: Philippine Islands.	10	59,215		9	56,446 3,694	104,409	
Far East Central America/Mexico intercoastal South America intercoastal	1 1 2	6,905 6,264 6,837	11,917 11,505 13,294	ii	6,264		
Cristobal and United States	2	11,787		1 2	6,204 9,914	9,768 20,110	
South America Europe and: United States.	1 2	5,435 9,442	11,569 13 7,760	1 4	1,617 26,869	3,484 51,356	
South America Hawaiian Islands Far East	7	41,550 6,324		4 1	25,269 6,258	50,104 15 13,499	
Total	27	153,759	56,045	24	142,535	259,415	

¹³ Creosote.

¹² Cotton, silk, wool, rayon goods.

¹⁴ Coconut oil.

¹⁵ Molasses.

Comparison of Canal Traffic in August 1939, with August Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

		Month of Au	gust		Averag	e per month fo	r fiscal year
Calendar year	No. of transits	Panama Canal net tonnage	Tons of cargo	Fiscal year	No. of transits	Panama Canal net tonnage	Tons of cargo
1915. 1916. 1917. 1918. 1919. 1920. 1922. 1923. 1924. 1925. 1927. 1929. 1929. 1930. 1931. 1932. 1933. 1934. 1933. 1934. 1935. 1936. 1937. 1938.	16 148 131 161 152 183 238 230 250 445 369 364 450 525 510 519 455 377 298 393 401 395 473 548 490	(000 omitted) 455 410 455 410 472 417 542 877 893 1,003 2,065 1,759 1,646 2,063 2,324 42,252 2,364 2,168 1,847 1,533 1,997 2,077 1,944 2,218 2,402 2,178 2,247	(000 omitted) 571 506 578 578 574 716 1,040 839 1,166 2,168 1,958 1,912 2,320 2,429 2,424 2,680 2,147 1,788 1,348 1,913 2,188 2,019 2,396 2,781 2,172 2,385	1915 1916 1917 1918 1919 1920 1922 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1933 1934 1935 1936 1937 1938 1938 1938 1938 1938 1938	17 100 60 145 165 162 199 232 222 325 429 382 424 441 521 524 502 447 347 436 432 449 449 460 492 502	(000 omitted) 334 184 447 506 472 659 879 880 1,434 2,016 1,761 1,909 2,020 2,269 2,299 2,310 2,140 2,143 2,160 2,141 2,163 2,164 2,163 2,164 2,163	(000 omitted) 466 258 588 627 576 781 9666 9077 1,631 2,249 1,996 2,311 2,468 2,554 2,502 2,039 2,109 2,201 2,201 2,202

¹⁶ Canal opened August 15, 1914.

Terminal Activities

Ships repaired during the month of August 1939, numbered 38. Vessels released from drydock numbered 8. Fuel oil amounting to 294,095 barrels was delivered as bunkers to 145 commercial vessels. Bunker coal amounting to 4,901 tons was delivered to 17 commercial ships. Sales of commissary supplies to ships aggregated \$52,115.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving	25,452 1,987 54,209 48,195	12,279 1,123 57 60	37,731 3,110 54,266 48,253
Number of receipts issued Number of releases issued Tons received Tons withdrawn	48 31	1 17 12 14	4 65 43 82

All Vessels Entering and Clearing Port

		Port of Cris	tobal	Port of Balboa			
	No.	Registered	Registered	No.	Registered	Registered	
	of	gross	net	of	gross	net	
	ships	tonnage	tonnage	ships	tonnage	tonnage	
Ships entering All vessels including those transiting Canal. Vessels entering port but not transiting Canal. Vessels transiting Canal and handling passengers and eargo at terminal ports	556	3,307,931	1,974,776	523	3,016,429	1,820,535	
	60	338,699	180,270	6	29,542	19,895	
	173	1,012,796	608,469	110	687,241	409,307	
Ships clearing All vessels, including those transiting Canal Vessels clearing port but not transiting Canal Vessels transiting Canal and handling passengers and cargo at terminal ports		3,262,576 345,864 980,316	1,947,165 184,555 588,604	512 4 109	2,961,451 26,982 689,605	1,784,806 17,355 410,945	

¹⁷ Average for 10½ months.

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight August 10, 1939, to midnight September 10, 1939. Figures after names of vessels show, respectively, tons discharged and tons laden.

Ulua, 361, 963 American Press, 792, 24 West Ivis, 73, 91 Arminda, 350, 251 Benjamin Franklin, 21 Arminda, 350, 251 Kinka Maru, 426, 0 Nero, 270, 393 Pericles, 10,860, 0 0 Flandre, 83, 480 Orotava, 171, 1,175 Akagi Maru, 34, 125 Veragua, 78, 383 Istmo, 0, 56 Colombia, 92, 15 Pasaiero, 0, 4 Orazio, 100, 0 Orazio, 100, u
Pereira, 0, 702
Sona, 0, 13
Abraham Linecln, 240
Aconcagua, 11, 0
Santos, 234, 713
Aconcagua, 11, 0
Suntos, 234, 713
Aconcagua, 12, 0
Suntos, 234, 713
Aconcagua, 11, 0
Suntos, 234, 713
Aconcagua, 12, 0
Suntos, 234, 713
Aconcagua, 11, 0
Suntos, 244, 243
Aconcagua, 11, 0
Suntos, 244, 243
Aconcagua, 12, 0
Aconcagua, 12, 0
Aconcagua, 12, 0
Aconcagua, 12, 0
Aconcagua, 12, 0
Aconcagua, 12, 0
Aconcagua, 12, 0
Aconcagua, 12, 0
Aconcagua, 13, 0
Aconcagua, Aconcagua, 11, 0 Santos, 234, 713 Nemours, 553, 386 Clio, 248, 223 Bogota, 795, 944 Santa Paula, 65¼, 298 Talamanca, 12, 42 Lochkatrine, 185, 281 Frankfurt, 0, 75 Lautaro, 1, 45 Arica, 863, 280 Cefalu, 601, 371 Spreewald, 8, 130 City of San Francisco, Daytonian, 150, 0 365, 0 Quirigua, 49, 248 Santa Elena, 61, 231 Gertrude Maersk, 195, Platano, 840, 0 Deborah, 0, 74³/₄ Deborah, 0, 74‡
Santa Lucia, 490, 9
Penelope, 13,993, 0
Yamagiri Maru, 701, 0 Cordillera, 117, 21
San Antonio, 173, 329 Frisia, 0, 52
Duesseldorf, 29, 1,740 Fella, 181, 2
Panama, 3,811, 734
Reajutla, 775, 733
Este, 58, 491
Este, 58, 491 Panama, 3,811,734
Acajutla, 775, 738
Suevo Panama, 0, 173
Contessa, 308, 404
Santa Rossa, 374, 304
Santa Maria, 595, 106
Monserrate, 189, 1,000
Genevieve Lykes, 321, Delftdijk, 100, 207
Rafaela, 4,007, 0
West Caetus, 7\frac{1}{2}, 0

Pirre, 0, 7 Santa Barbara, 301, 36 Musa, 851, 4 Musa, 851, 4 Cadmus, 135, 77 Losada, 6, 260 City of Norfolk, 364, 0 Santore, 12,057, 0 Francis R. Hart, 5,864. Hannover, 119, 404 Bethore, 9,944, 0 Cristobal, 1,920, 618 Ciss, 0, 932 Seattle, 686½, 802 Canadian Star, 289, 0 Maravi, 0, 99 Antigua, 262, 394 Bogora, 1.5
Bogora, 2.5
Colombia, 0, 432
Vinland, 2, 55
Colombia, 0, 432
San Vincente, 1,249, 15
Durazzo, 685, 0
Ino, 83, 584
Douro, 70, 84
Lagarto, 193, ½
Deborah, 15, 0
Daytonian, 150, 0
Pasajero, 51, 13
Conirigua, 49, 248
Colombia, 2.5
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C Margaret Lykes, 1,298, Lima, 192, 162 Amerika, 15, 25 Jamaica, 11, 30

City of Baltimore, 191, Kano Maru, 645, 0 Kaipaki, 101, 49
Axel Johnson, 112, 233
Nuevo Panama, 0, 197
Cefalu, 406, 439
Bretagne, 216, 0
Salvador, 795, 731
Platano, 950, 731
Platano, 950, 5
Anna Lucia, 185, 1 pkg.
Imperial, 65, 0
Oregon, 112, 0
Leipzig, 32, 322
Ancon, 3,239, 637
Comayagua, 2, 307
Helder, 0, 48 Kaipaki, 101, 49 Helder, 0, 48 Tai Yin, 823, 0 Talamanea, 181, 174½ Telde, 252, 152 Bennekom, 289, 2,403 Sixaola, 471, 146 San Bernardino, 282, Colombia, 932, 263 Orotava, 1,068, 153 Kiyokawa Maru, 641, Politican, 280, 0 Politican, 280, 0 Grete Maersk, 663, 228 Douro, 2, 170 Perieles, 57, 849 Clio, 437, 586 Laguna, 53, 0 Nemours, 727, 0 Nero, 532, 233 Santa Paula, 85, 448 Veragua, 123, 264 Orbita, 95, 56

Choluteca, 832, 516 Thorstrand, 5, 0 Thorstrand, 5, 0 Contessa, 626, 448 Real, 0, 41 Oregon, 0, 57 Musa, 821, 214 Hollywood, 0, 288 Mathew Luckenbach, $0, \frac{1}{2}$ San Pablo, 295, 172 Valparaiso, 392, 0 Hokuroku Maru 328, Laurits Swenson, 22, 405 Santa Clara, 425, 40 San Anselmo, 809, 46 Panama, 2,551, 774 Bretagne, 0, 260 Pereira, 1,070, 432 Colombia, 282, 377 City of Newport News, 378, 0 378, 0 Quirigua, 427, 551 Santa Barbara, 245, 23 Ulua, 1,147, 175 Dinteldiik, 254, 97 Costa Riea, 134, 200 lbs. 200 lbs. Pasajero, 0, 4 Alkmaar, 0, 36 Ino, 611, 208 Naruto Maru, 609, 0 Nordstjernan, 1.083. Sambu, 0, 113

BALBOA

City of San Francisco, Gertrude Maersk, 102, Tai Yin, 184, 0 Steel Exporter, 652, 0 West Portal, 1,462, 0 175, 12 10 Steel Exporter, 692, 0 Chateau Thierry, 284, 0 Republie, 214, 189 West Portal, 1,462, 0 Santa Lucia, 13, 2 City of Norfolk, 256, 0 City of Los Angeles, 0, Santa Maria, 119, 6 Mosli, 0, 5 58 John Bakke, 68, 0 Thorshavn, 10,516, 0 Vinland, 216, 0 West Ira, 3,256, 0 Sylvan Arrow, 12,146, 0 Brazilian Reefer, 62, 0 Santa Rita, 116, 0 City of Baltimore, 211,

Grant, 42, 25 Grant, 42, 25 Ciss, 0, 1 Santa Lucia, 168, 21 Grete Maersk, 208, 0 Norfolk Maru, 73, 0 Akatuki Maru, 12,635, Santa Clara, 6, 5

City of Newport News, 209, 0 Santa Barbara, 149, 10 City of Norfolk, 0, 5 Nordstjernan, 950, 0 Hunter Liggett, 596, 0

Note.-Figures shown represent short tons of 2,000 pounds.

Passengers

During August 1939, ocean-ship passengers debarking at Cristobal numbered 2,947, embarking 2,465; at Balboa, 1,115 debarking, 919 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 7,639; from the Pacific to the Atlantic, 3,042. Commercial aircraft numbering 59 entered Cristobal with 313 passengers debarking; clearances were 57 with 318 passengers embarking. Balboa entries of aircraft numbered 53, with 130 passengers debarking; clearances were 53, with 129 passengers embarking.

Provisions Required by Ships

Commissary Division, Panama Railroad Company, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats (including native beef), ice, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery, or for delivery at the other terminal after transit.

Movements of Ocean Vessels Through the Panama Canal From midnight August 10, 1939, to midnight September 10, 1939

ATLANTIC TO PACIFIC

	ived	ared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long
Chilore	9 3 10 10	11 12 11 11	Amer Peruv. Ger Nor	Ore S. S. Corp Capt. W. Leemhuis North German Lloyd. Fruit Express Line	Baltimore, Md Bremerh'n, Ger Hamburg, Ger Rotterdam, Neth.	Cruz Gr'de, Chile Callao, Peru Portland, Oreg Los Angeles, Cal.	Ballast Ballast General Ballast	9,200
Express. ² California Star ² . Dalhanna Svealand ² Andrea F. Luck-	10 11 11 11	11 11 11 11	Brit Brit Swed Amer	Blue Star Line Anglo-Can. S. S. Co Ore S. S. Corp Luckenbach Line	London, England Liverpool, Eng. Baltimore, Md Tampa, Fla	Vaneouver, B. C. No. Pacific ports. Cruz Gr'de, Chile Seattle, Wash	Ballast Ballast	
enbach. Hylton 2 K R Kingsbury 1	11 11	11 11	Brit Amer	C. H. Sprague & Son. Standard Oil Co	Norfolk, Va Providence, R. I.	Shanghai, China. S. Francisco, Cal. Gatun, C. Z	Coal Ballast Tow. barge.	8,643
Col. Riche 5 Nicoline Maersk 2 Paul Luckenbach. Huncliffe	11	12 12 12	Dan Amer Brit	U. S. Army Ivai Co. Luckenbaeh Line Port Line S. Ditley Simonsen.	Philadelphia, Pa. Boston, Mass New York, N. Y. New York, N. Y. Baltimore, Md Cristobal, C. Z.	Yokohama, Japan Seattle, Wash Dunedin, N. Z Yawata, Japan Seattle, Wash	Serap iron General	7,354 4,050 3,663 8,401
Vinni ²	11 12 10 12	12 12 12 13	Nor Amer Pan Jap	Calmar Line		Seattle, Wash B'ventura, Col Kobe, Japan Valparaiso. Chile.	Scrap steel Steel, gen General General	5,060
Osorno Nero ² Clio ² Liberty Glo E. J. Hooper ⁵ Lt. Col. H. C.	8 11 10 12	12 12 12 13	Ger Neth Neth Amer	Yamashita Line Hamburg-Amer, Line. Royal Neth. S. S. Co. Royal Neth. S. S. Co. McCormiek S. S. Co.	Hamburg, Ger Cristobal, C. Z Cristobal, C. Z Chester, Pa	Valparaiso. Chile. Guayaquil, Ecua. B'ventura, Col Seattle, Wash Gatun, C. Z. ¹⁴ Balboa, C. Z.	General General	357 186 4,000
E. J. Hooper 5 Lt. Col. H. C. Sehumm. ⁴ Orazic ²	11 9 12	13	Pan Amer.	U. S. Army	Chester, Pa Cristobal, C. Z Cristobal, C. Z Genoa, Italy	Valnaraiso, Chile.	Tow. barge	734
Orazio ² . Quito ² . Fernwood ² . Lafeome. Pacific Pioneer ² .	10 12 13 13	13 13 13 14	Ger Nor Amer Brit	North German Lloyd. Mitsubishi Line. AmerFor. S. S. Corp. Furness, Withy & Co.	Genoa, Italy Cristobal, Č. Z Philadelphia, Pa. New Orleans, La. Manchester, Eng.	Osaka, Japan	General. Steel, mach Sulphur General	7,370
Frisia ² Sambu ²	13 13 12 13		Brit	Shaw, Savill & Albion Hamburg-Amer. Line. Elliot Ship. & Land Co. AmerHawaiian Line.	Glasgow, Seotland Rio Haeha, Col. Cristobal, C. Z. Baltimore, Md. New York, N. Y.	Vancouver, B. C. Auekland, N. Z. Tumaeo, Colom. Balboa, C. Z. Tacoma, Wash.	General Ballast General	5,817 752 4,128
City of Newport News. Aconcagua 2	13	14 14	Amer Chile	Panama-Pacific Line Cia Sud Amer. de Vap.	Hamburg Ger	Valnaraiso Chile.	General General	3,735
Santos ²	12	14	Pan Pan	Johnson Line	Goth'burg, Swed. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Champ'ico, Guat. Balboa, C. Z	General Ballast General	684
Texan	14 15 14 14	15	Ger Amer Pan Amer	North German Lloyd. AmerHawaiian Line. E. Obarrio. U. S. Navy.	Bremen, Germany Boston, Mass Cristobal, C. Z Cristobal, C. Z New York, N. Y. Rotterdam, Neth.	Champ Ico, Guat. Balboa, C. Z Real, R. P Auckland, N. Z. Tacoma, Wash Balboa, C. Z Balboa, C. Z Balboa, C. Z	General Ballast	3,600
Ancon Loehkatrine 2 Derrynane Chateau Thierry 8	14 15 15	15		U. S. Navy. Panama R. R. Line. Royal Mail Lines. Hasegawa Boeki K. U. S. Army.	Brooklyn, N. Y.	Yokohama, Japan S. Francisco, Cal.	General General	1,245 8,266 1,466
Ariea Spreewald ² . Appledore Ebba ² Utacarbon ¹ .	14	16 16 16	Fr Ger	French Line. Hamburg-Amer, Line. Seaboard Ship. Co. E. Obarrio	Havre, France New Orleans, La. Barry, England	Valparaiso, Chile. Cebu, P. I.	General Gen., oil Ballast	1
Utacarbon ¹ . Sagadahoc Deerpool Penobseot ² . Lancaster Castle.	1 - 16	16 16 16	Amer Amer Brit	Union Oil of Calif Isthmian S. S. Lines Anglo-Can. S. S. Co W. F. Henningsen	Cristobal, C. Z. Paulsboro, N. J. Portland, Me Newp't News, Va. Boston, Mass.		Ballast	5,382
Lancaster Castle Real ² Pirre ² L-41 ⁵ . Vida ⁶ . Missourian ² .	16 15 15	17		M. A. N. Z. Line Elliot Ship. & Land Co. Elliot Ship. & Land Co. U. S. Army	Three Riv., Can. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Sydney, Australia Balboa, C. Z Balboa, C. Z Balboa, C. Z	Ballast Ballast Ballast Ballast Ballast	
Vida ⁶ . Missourian ² . Redgate. Kagu Maru ²	16 16 16 17	17 17	Hond. Amer. Brit	Minera Agua Fria, S.A. AmerHawaiian Line. Chile Nit. Sales Corp. Kokusai Kisen Kaisha	Pto. Cortez, Hon. Boston, Mass Barry England Tampa, Fla	Los Angeles, Cal. Portland, Oreg Chile Tokuvama, Japan	Ballast Ballast Phoscotton	3,337
Nicolaos D. L West Ivis Nemours ² Benjamin Frank-	1 17	17 17 17	Jap Greek. Amer Fr Nor	Anglo-Can. S. S. Co. McCormick S. S. Co. French Line. Fred Olsen & Co.	London, England Buenos Aires, Arg. Cristobal, C. Z. Oslo, Norway	Vaneouver, B. C. Vancouver, B. C. Manta, Ecuador Vancouver, B. C.	Ballast Coffee, gen General	
lin. ² Evina ¹ ² Siranger ² Santa Maria ²	17 17	17 17	Nor	Lorentzen & Co Westfal, Larsen & Co. Grace Line	Cardiff, Wales	Oakland, Calif	Creosote	7,760

Tanker.
 Motor ship.
 Motor schooner.
 Tug.
 Launch.
 Yacht.
 Transport.
 Destroyer.
 Towing Frank from Gatun.
 General, salt, gasoline.

	rive	eare	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Lon
an Antonio eneral W. M. Graham. ¹¹	16	18	Fr Amer	French Line. U. S. Army	Havre, France Cristobal, C. Z.	Vancouver, B. C. Balboa, C. Z	General Ballast	6,3
rotava refusis forthleigh. e n n s l v a n i a Sun. 1 2	17 17 17 17	18 18 18 18	Hond Brit Brit Amer	United Fruit Co. Duval Sulphur Co. Seaboard Ship. Co. Sun Oil Co.	New Orleans, La. Galveston, Tex. Barry, England. Chester, Pa	LaLibertad, Ecua. Yarraville, Aust Vancouver, B. C. El Segundo, Cal.	Gasoline,gen Sulphur Ballast Ballast	7.2
Sun. ¹ ² Clausina ¹ ² Juevo Panama ² .	18 16	18 18	Brit	Anglo-Saxon Pet. Co.	Curacao, N.W.I B'quilla, Colom. Boston, Mass	Los Angeles, Cal. B'ventura, Col Seattle, Wash Corral, Chile		
ulia Luckenbach.	18	18	Pan	Elliot Ship. & Land Co. Luckenbach Line	Boston, Mass	Seattle, Wash	General Oil, gen	3,1
Ousseldorf 2	16	18	Ger	North German Lloyd.	Hamburg, Ger Baltimore, Md Sandefjord, Nor	Corral, Chile	General	3,5
nniston City	18 16	18	Amer.	Isthmian S. S. Lines. Fred Olsen Line	Baltimore, Md	Penang, Str. Sett. Los Angeles, Cal.	Steel, gen	8,2
cebeli ²	18	18	Nor Brit	Prince Line, Ltd	Rocton Mace	Saigon, China	Ballast General	6,1
ol. Riche 5	11		Amer.	U. S. Army	Cristobal, C. Z. New York, N. Y. Rotterdam, Neth.	Saigon, China Gatun, C. Z.	Tow barge	
resident Polk	19	19	Amer.	Amer. President Lines	New York, N. Y.	S. Francisco, Cal.	General	4,5
nders Jahre ^{1 2} . t. Col. H. C.	18 17	19	Nor Amer	Standard Oil of N. J U. S. Army	Cristobal, C. Z.	Talara, Peru Balboa, C. Z	Ballast Tow. barge.	
Schumm.4			micr.					
Voodcock 10	7		Amer	U. S. Navy J. D. Payne	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z New York, N. Y.	Balboa, C. Z Balboa, C. Z Balboa, C. Z	Ballast Ballast	
tiptide ¹³ . leggy Ann ¹³ . andra ¹³ .	14 14	: : :	Amer	J. D. Payne	Cristobal, C. Z.	Balboa, C. Z	Ballast	
andra 13	14		Amer.	J. D. Payne	Cristobal, C. Z.	Balboa, C. Z	Ballast	
no 2	17	19	Neth	J. D. Payne Royal Neth. S. S. Co. West Coast Line.	Cristobal, C. Z.	B'ventura, Col	General	١.
10 rida alaralite lostun regonian orbris lomar olombia inland lomar	18	19	Dan	West Coast Line	New York, N. Y.	Talcahuano,Chile	General	1,
Iostun 2	18 19	19 19	Brit Nor	Imperial Oil Co Neptune Ship. Co	B'quilla, Colom Rotterdam Neth.	B'ventura, Col Los Angeles, Cal.	Gasoline	3,
regonian	19	19	Amer.	Amer -Hawaiian Line.	Rotterdam, Neth. New York, N. Y. Aruba, N. W. I.	Los Angeles, Cal. Tacoma, Wash. Iquique, Chile. Seattle, Wash.	Iron pipes General	3
orbris 1 2	19	19	Pan	Standard Oil of N. J	Aruba, N. W. I.	Iquique, Chile	Fuel oil	11,
olombia 2	19 17	19 19	Amer	Calmar Line	Cristobal C Z	Seattle, Wash	Steel, gen General	7,
inland 2	19	20	Nor	Elliot Ship. & Land Co. Knutsen Line	Baltimore, Md. Cristobal, C. Z. Drammen, Nor	B'ventura, Col Valparaiso, Chile.	General	1,
armt 2	19	19	Nor	Chile Nit Sales Corn	INDITIONS VAL	Togonillo ('bile	Ballast	
inland ²	19 18	19 19	Nor Neth	Interocean S. S. Co	Rotterdam, Neth.	Vancouver, B. C.	Ballast General	
regalia	19	19	Brit	Interocean S. S. Co Royal Neth. S. S. Co Donaldson & Black	Cristobal, C. Z. Glasgow, Scotland	Vancouver, B. C. Guayaquil, Ecua. Vancouver, B. C. Seattle, Wash. Pt.Chalmers, N.Z.	General.	
oint Brava	19	20	Amer.	Swavne & novt	Houston, Tex London, England	Seattle, Wash	General	6.
oric Starteel Seafarer	$\frac{20}{20}$	$\frac{20}{20}$	Brit	Shaw, Savill & Albion Isthmian S. S. Lines.	London, England	Pt.Chalmers, N.Z. Haiphong, China.	General	2, 7, 3,
laui	20	20	Amer.	Baltimore Mail Co	Baltimore, Md New York, N. Y. Hamburg, Ger	C Enanciaco Col	General	3,
restes liel Maersk ²	17	20	Neth .	Royal Neth. S. S. Co.	Hamburg, Ger	Valparaiso, Chile.	General	2.
nel Maersk 2	20 19	20	Dan Pan	A. P. Moller Co Elliot Ship. & Land Co.	Boston, Mass	Valparaiso, Chile. Manila, P. I Balboa, C. Z Balboa, C. Z	General	5,
ona ² ambu ²	19	:::	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z	Ballast Ballast	
an Vincente	19	21	Amer.	Quaker Line	r madeipma, ra.	San Diego, Calif Honolulu, T. H. Seattle, Wash.	General	3,
teel Worker astern Trader	21	21 21	Amer.	Isthmian S. S. Lines.	Pt. St. Joe, Fla New York, N. Y.	Honolulu, T. H.	(14)	8,
Vrav Castle	$\frac{21}{21}$	21	Amer Brit	McCormick S. S. Co Chile Nit. Sales Corp.	Barry, England.	Chile .	Steel, gen Ballast	4,
ronnov 2	21	21	Nor	Chile Nit. Sales Corp. Canadian Transp. Co.	Botwood, Nfld Hamburg, Ger.	Tacoma, Wash	Ballast (15)	8,
isenach	18	21 22	Ger	North German Lloyd.	Hamburg, Ger.	Puntarenas, C.R. Honolulu, T. H.	General	5,
isenach epublic ⁸ erigo	21 19	21	Amer Ger	U. S. Army Hamburg-Amer. Line.	New York, N. Y. B'quilla, Colom	Guayaguil, Ecua.	General	1,
olumbian	21	21	Amer	Amer. Hawanan Line.	Baltimore, Md	Guayaquil, Ecua. Seattle, Wash	General	2, 7,
ernmoor ² orto Bello ³ ella ² aimata ²	21	22	Nor	Fern Line	Baltimore, Md Norfolk, Va Cristobal, C. Z	Yokohama, Japan	Scrap iron	7,
ella 2	21 21	21 22	Pan Ital.	A. Tagaropulos Italia Line	Genoa, Italy	Real, R. P. Vancouver, B. C.	General	
aimata 2	21	22	Brit	Trinder Anderson Co.	Philadelphia, Pa. Cardiff, Wales	Adelaide, Aust	General	4,
yhorn ² t. Gobain ¹ ²	22	$\frac{22}{22}$	Nor	Knutsen Line	Cardiff, Wales	Vancouver, B. C.	Ballast Ballast	
repca	22 21	22	Swed J-Slav.	Raffineries de Berre. Chile Nit. Sales Corp.	Pt. de Bouc, Fr Liverpool, Eng	Talara, Peru	Ballast	
harles Christen- son.	22	23	Amer.	Arrow Line	Baltimore, Md	Tacoma, Wash	Ballast General	3,
cajutla. remoda t. Col. H. C. Schumm. ⁴	16 22 21	22 23	Brit Brit Amer	Pacific Steam Nav. Co. Canadian Transp. Co. U. S. Army	Cristobal, C. Z Cardiff, Wales Cristobal, C. Z	Champ'ico, Guat. Brit. Columbia Balboa, C. Z	General Ballast Ballast	
enrith Castle ² Iosli ¹ ²	22	23	Brit	Barber Line	Philadelphia, Pa. Minatitlan, Mex.	Osaka, Japan	General	7,
Iosli 1 2 ort Montreal 2	$\frac{22}{22}$	23 23	Nor	Petroleos Mexicanos M. A. N. Z. Line C. T. Bowring & Co	Minatitlan, Mex.	Guaymas, Mexico Dunedin, N. Z.	General	11,
l Grillo 1	22	$\frac{23}{23}$	Brit	C. T. Bowring & Co	Montreal, Canada Antwerp, Belgium	LaLibertad, Ecua	Ballast	3,
ancaster	23	23	Amer.	Weyerhaeuser S.S. Co.	New York, N. Y. Curacao, N.W.I	Tacoma, Wash	General	5,
ancaster	23 23	23 23	Neth.	Anglo-Saxon Pet. Co.	Curacao, N.W.I	Los Angeles, Cal. Honolulu, T. H.	Ballast General	3,
TORIHAHA	23	23	Amer.	Matson Nav. Co Anglo-Can. S. S. Co	Baltimore, Md	Dit Coloralia	Ballast	0,
omersbyowanVinnipeg	23	23 23	Brit	Anglo-Can. S. S. Co.	N. Shields, Eng	Brit. Columbia.	Danast	3,

Tanker. ² Motor ship. ³ Motor schooner. ⁴ Tug. ⁵ Launch. ⁸ Transport. ¹⁰ Mine sweeper. ¹³ Sailboat.
 General, steel, corn. ¹⁵ Copper, asbestos, ore. ¹⁶ General, beer, gasoline. ¹⁷ Gasoline, benzine, kerosene.

13 For

				ATLANTIC TO PAC	iric—Continued			
	arrived	cleared	Nation-	Line	Po	rt	Cargo	
Ship	Date ar	Date cl	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Pirre ²	22 23 24 24 23 24 24 23 22 24 24 25 25 25 24 25 26	23 24 24 24 24 24 24 24 25 25 25 25 26 26	Pan Pan Brit Pan Brit Pan Brit Amer Ger Brit Brit Amer Brit Amer Amer Amer Amer	Elliot Ship. & Land Co. E. J. Hooper Pacific Steam Nav. Co. Luckenbach Line. J. Lauritzen. Duval Sulphur Co. D. Campodonico. Canadian Transp. Co. Ore S. S. Corp. Hamburg-Amer. Line. Blue Star Line. Chile Nit, Sales Corp. Sun Oil Co. Seaboard Ship. Co. United Fruit Co. Ore S. S. Corp. Ore S. S. Corp. Shepard S. S. Co. Luckenbach Line.	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Lutl, England Houston, Tex Rotterdam, Neth Galveston, Tex Cispata, Colom Barry, England Newp't News, Va. Hamburg, Ger. Liverpool. Eng. Alexandria, Egypt Chester, Pa. Newcastle, Eng. New York, N. Y. Baltimore, Md. Norfolk, Va. Providence, R. I.	Pedregal, R. P. Gatun, C. Z. I3. Talcahuano, Chile Seattle, Wash Seattle, Wash Seattle, Wash Fremantle, Aust Aguadulce, R. P. Vancouver, B. C. Cruz Gr'de, Chile Valparaiso, Chile. Vancouver, B. C. Chile Los Angeles, Cal. Vancouver, B. C. Quepas, C. R. Cruz Gr'de, Chile Cruz Gr'de, Chile Cruz Gr'de, Chile Seattle, Wash Seattle, Wash	Flour. General. General. Ballast. Sulphur. Cattle. Ballast general. Ballast. Ballast. Ballast. Ballast. Ballast. Ballast. Ballast. Ballast. General. Ballast. General. General. General.	8 4,630 7,372 8,006 50 3,755 3,592 6,155 6,635
Lapwing 10 Bahrein 1 Bogota 2 Nero 2 Colombia 2 Milwaukee 5 Virginian Goyo Maru Dallas City 2 Alamar. Santa Rita 2 City of Los Ange-	26 18 24 24 24 26 26 27 27 26 27 27	26 26 26 26 27 27 27 27 27 27 27 28	Amer Pan Ger Neth Pan Amer Amer Jap Brit Amer Amer	U. S. Navy Standard Oil of Calif. North German Lloyd. Royal Neth. S. S. Co. Elliot Ship. & Land Co. H. E. Townshend. Amer-Hawaiian Line. Kawasaki K. Kaisha. W. R. Smith & Sons. Calmar Line. Crace Line. Panama-Pacific Line.	Cristobal, C. Z. Rouen, France. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Boston, Mass. New York, N. Y. Baltimore, Md. Baltimore, Md. New York, N. Y. New York, N. Y.	Balboa, C. Z. Los Angeles, Cal. Guayaquil, Ecua. B'ventura, Col. B'ventura, Col. Balboa, C. Z. Seattle, Wash. Niibama, Japan. Yokohama, Japan Chanaral, Chile. S. Francisco, Cal.	Ballast Ballast General. General. General. General. Coke, oil. Phosphate Steel, gen General. General.	834 69 440 4,952 8,873 9,008 8,433
les. Sona ² Real ² . Evanger Lochmonar ² . Atutasan Maru ² . Niceto de Larri-	26 26 27 27 28 28	28 28 28 28		Elliot Ship. & Land Co. Elliot Ship. & Land Co. General S. S. Corp. Royal Mail Lines Mitsui Bussan Kaisha Canadian Transp. Co.	Cristobal, C. Z Cristobal, C. Z Buenos Aires, Arg. Rotterdam, Neth. New York, N. Y. Rotterdam, Neth.	Balboa, C. Z. Balboa, C. Z. Vancouver, B. C. Portland, Oreg. Dairen, Cbina Vancouver, B. C.	Ballast General General (14) Ballast	5,620 1,986
naga. Royal Crown Jefferson Myers Swiftscout Amerika 2 Lebore Pacific Grove 2 Porto Bello 3 Col. Riche 3 Sorbolt Ino 2 King John 2 Mussolini 2 El Oso 1 West Notus City of Roubaix Amsterdam 1 Axel Johnson 2 General W. M. Graham, 11	28 27 28 28 28 28 28 28 27 24 28 29 29 29 29 29 25	30	Brit. Amer. Amer. Dan. Amer. Brit. Pan Amer. Nor Neth Brit. Pan Brit. Amer. Brit. Amer. Amer. Amer.	Chile Nit. Sales Corp. Pacific-Atlantic Co. Petrol Corp. East Asiatic Co. Ore S. S. Corp. Furness, Withy & Co. A. Tagaropulos U. S. Army De La Rama Line Royal Neth. S. S. Co. Dodd, Thomson Co. E. Obarrio. C. T. Bowring & Co. McCormick S. S. Co. Ellerman S. S. Co. H. Clarkson & Co. Johnson Line. U. S. Army	Cardiff, Wales. Cristobal, C. Z. Birkenhead, Eng. New York, N. Y. Montreal, Canada Rotterdam, Neth Goth'burg, Swed Cristobal, C. Z.	Chile Portland, Oreg Los Angeles, Cal Vancouver, B. C. Cruz Gr'de, Chile Portland, Oreg. Real, R. P. Gatun, C. Z. Shanghai, China Guayaquil, Ecua Vancouver, B. C Balboa, C. Z. Cabo Bl'eo, Peru Seattle, Wash Osaka, Japan. Talara, Peru Vancouver, B. C Balboa, C. Z Salboa, C. Z Salboa, C. Z Salboa, C. Z	General. Tow. barge. General. General. Ballast Ballast Ballast Steel, gen General. Ballast Tow. barge.	401 660 3 2,845 530 4,443 4,288 3,122
Ciss. Cressington Court Cathwood West Cactus Agios Georgios IV Northumberland. Point Judith Santa Lucia. Col. Riche Sambu Leipzig Evi Livanos Pennsylvanian Nuevo Panama Snestad La Brea La Brea Latantic. Laura Maersk Nako Maru J. Fred Talbott J. Fred Talbott J.	29 29 29	30 30 31 31 31 31 31 31 31 31 31 31 31 31 31) Brit.) Amer.) Amer.) Greek Brit. Amer. Amer. Ger. Gerek Amer. Amer. Amer. Amer.	Seaboard Ship. Co. Union Oil of Calif. McCormick S. S. Co. Hasegawa Boeki K N. Z. Shipping Co. Swayne & Hoyt. Grace Line. U. S. Army. Elliot Ship. & Land Co. North German Lloyd N. G. Livanos. AmerHawaiian Line Elliot Ship. & Land Co. Mitsubishi Shoji K. Union Oil of Calif. Isthmian S. S. Lines. Maersk Line. Nippon Yusen Kaishe	New York, N. Y Liverpool, Eng. New Orleans, La New York, N. Y Cristobal, C. Z. Cristobal, C. Z. London, England Boston, Mass. Cristobal, C. Z. New York, N. Y Baltimore, Md. Portland, Me. Baltimore, Md. Boston, Mass.	Vancouver, B. C Los Angeles, Cal Seattle, Wash. Japan. Auckland, N. Z. S. Francisco, Cal San Antonio, Chil Gamboa, C. Z. Balboa, C. Z. Valparaiso, Chile Esteban, B. C. Portland, Orga. Puntarenas, C. R. Yawata, Japan. Los Angeles, Cal Seattle, Wash. Iloilo, P. I. Osaka, Japan.	Ballast Ballast General. General. General. General. General. Ballast Ballast General. General. Ballast Seneral. Ballast Seneral. Ballast Seneral. Seneral. Seneral. Seneral. Seneral. Scrap iron. Ballast Steel, gen. (18)	4,059 8,536 7,370 6,790 3,309 3,285 4,053 190 7,009 7,447 4,676 8,503

Tanker.
 Motor ship.
 Motor schooner.
 Launch.
 Mine sweeper.
 Mine planter.
 Steel, general, coal.
 Scrap iron, general.

	hed	red			Po	ort	Cargo	
Ship	Date arrived	Date cleared	Nation- ality	Line (Charterer or operator)	From-	For—	Nature ·	Long
Rimutaka Brynje ² . Telde Berganger ² . Kinross ² . Minnesotan. Mount Hymettus. Elizabeth Kellogg ¹ Horace Lucken-	31 31 31 31 1 31 31 31	1 1 1 1 1 1 1 2 2	Brit Nor Hond Nor Brit Amer Greek. Amer	N. Z. Shipping Co. Canadian Transp. Co. United Fruit Co. Interocean S. S. Corp. Scaboard Ship. Co. Amer. Hawaiian Line. Rethymnis & Kuluk'is Dom. Tar & Chemical Luckenbaeh Line.	London, England. Fowey, England. New Orleans, La. Rotterdam, Neth. Leith, Scotland. Boston, Mass. Savannah, Ga. Montreal, Canada Boston, Mass	Wellington, N. Z. Vancouver, B. C. Acajutla, Salv. Los Angeles, Cal. Vancouver, B. C. Seattle, Wash. Kobe, Japan. Vancouver, B. C. Seattle, Wash.	General General Ballast Ballast General Scrap steel Creosote General	4,371 5,949 1,943 4,344 5,820 6,981 3,623
bach. San Bernardino Laila Queen Victoria ² Oakmar Kim ² Cloambia ² Charleston ¹² Erie ¹³ . Silversandal ² . Nordhval ² . Buenos Aires Maru. ²	1 1 2 31 31 30 1 2 2	2 2 2 2 2 2 2 3 3 4	Amer. Dan. Brit. Amer. USSR Pan. Amer. Amer. Brit. Dan. Jap.	Quaker Line Wessel, Duval & Co Canadian Transp. Co. Calmar Line Soviet Govt Elliot Ship. & Land Co. U. S. Navy U. S. Navy Silver Line Ltd. Chile Nit, Sales Corp. Osaka Shosen Kaisha.	New York, N. Y. Baltimore, Md London, England. Baltimore, Md Lenin'd, Russia Cristobal, C. Z. Gatun Lake, C.Z. Gatun Lake, C.Z. Boston, Mass Glasgow, Seot Buenos Aires, Arg.	Seattle, Wash Corral, Chile Brit. Columbia Seattle, Wash Nogaiewo, Rus B'ventura, Col Balboa, C. Z Balboa, C. Z Hongkong, China Tocopilla, Chile Kobe, Japan	General General Ballast Steel, gen General General Ballast General Ballast General Ballast Cotton, coff	6,305 2,313 7,778 3,922 510 3,446 3,863
Illinoian Bennekom City of San Fran-	31 3	3 3 3	Amer Neth Amer	AmerHawaiian Line. Royal Neth. S. S. Co. Panama-Pacific Line.	Baltimore, Md Hamburg, Ger. New York, N. Y.	Seattle, Wash Corral, Chile S. Francisco, Cal.	(14) General General	5,388 3,573 4,508
cisco. Corrientes Trebartha Clio Douro ² Anatina ² Port Wellington Sona ² Sambu ² Point Bonita Amerikaland ² American Fernbrook ² City of Winches-	2 3 2 2 3 3 3 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 5	Brit Brit Neth Nor Brit Pan Amer Swed Amer Nor Brit	Donaldson Line Seaboard Ship. Co. Royal Neth. S. S. Co. Royal Neth. S. S. Co. W. I. Trading Co. Port Line, Ltd. Elliot Ship. & Land Co. Elliot Ship. & Land Co. Swayne & Hoyt. Ore S. S. Corp. AmerHawaiian Line. Fearnley & Eger. AmerAustralian	Glasgow, Scot. Cardiff, Wales. Cristobal, C. Z. Curaeao, N. W. I. Copenhagen, Den London, England. Cristobal, C. Z. Cristobal, C. Z. Panama City, Fla. Baltimore, Md New York, N. Y. New Orleans, La. New York, N. Y.	Vancouver, B. C. Vaneouver, B. C. Guayaquil, Ecua Tumaeo, Col. B'ventura, Col. Adelaide, Aust. Balboa, C. Z. Balboa, C. Z. Seattle, Wash. Cruz Gr'de, Chile Tacoma, Wash Moji, Japan Dunedin, N. Z.	General Ballast General General, oil Cement. General Ballast Ballast General Ballast General General Ballast General	914 508 529 1,130 4,862 5,388 3,448 6,580 2,263
ter, Kimikawa Maru ² Porto Bello ³ Hopepeak ² . City of Elwood ² . Mussolini ² West Madaket Kaikoura. Maria Stathatos. Yamakaze Maru ² Salvador. Bisca ¹ Jaeob Luekenbaeh Ebba ² . Thorstrand ² . Atlanta City. Montanan. Hollywood. Enoeh ² . Pirre ² Real ² . Salamaua ² . Salamaua ² . Badkanbary.	44 44 44 44 44 44 42 95 56 66 55 66 55 66 55	6 6 6 6	Jap. Pan. Brit. Amer. Pan. Amer. Brit. Greek Jap. Brit. Nor Amer. Pan. Nor Amer. Amer. Amer. Amer. Amer.	K. Line. A. Tagoropulos. A. Tagoropulos. A. Tagoropulos. Anglo-Can. S. S. Co. E. Obarrio. Waterman S. S. Corp. M. A. N. Z. Line. Anglo-Can. S. S. Co Yamashita Kisen K. Pacifie Steam Nav. Co Anglo-Saxon Pet. Co. Luckenbach Line. E. Obarrio. Fred Olsen & Co. Isthmian S. S. Lines. Amer. Hawaiian Line. McCormiek S. S. Co. E. J. Hooper. ElliotShip. & LandCo.	New York, N. Y. Cristobal, C. Z. Havre, France Baltimore, Md. Cristolal, C. Z. Mobile, Ala Montreal, Canada Hull, England. Buenos Aires, Arg. Cristobal, C. Z. Curacao, N. W. I. Houston, Texas., Cristobal, C. Z. Oslo, Norway Mobile, Ala Boston, Mass. New York, N. Y. Cristobal, C. Z.	Japan Real, R. P. Los Angeles, Cal. Manila, P. I. Balboa, C. Z. Seattle, Wash Adelaide, Aust. Brit. Columbia Kobe, Japan Champ'ico, Guat. Los Angeles, Cal. Tacoma, Wash Balboa, C. Z. Los Angeles, Cal. Seattle, Wash S. Francisco, Cal. Seattle, Wash Gatun, C. Z. Beattle, Wash Gatun, C. Z. Los Angeles, Cal.	Gen., coke General Ballast General Ballast General General Ballast Cotton, coff General Ballast General Ballast General Ballast General Ballast General Ballast	8,401 3 4,644 3,261 5,875 5,291 731 7,022 254 8,573 4,223 6,906 20
Real ² Salamaua ² Salamaua ² Seckenham Fowberry Tower. Gemstone Vestvard ² Olney ¹ Santa Barbara ² J-62 ⁵ San Anselmo. William Strachan ² Ferncliff ² Hanley. Steelore Mexican. Braganza ² Susan V. Luekenbach.	65 55 66 67 77 77 77 77 77 77 77 77 88 78	6887788777888888888889999	Pan Brit. Brit. Brit. Brit. Nor Amer. Amer. Amer. Nor Nor Amer. Nor Amer. Amer. Nor Amer. Amer.	Elliot Ship. & Land Co. W. R., Carpenter & Co. Anglo-Can. S. S. Co., Wm. Milburn & Co. Canadian Transp. Co. Mitsubishi Shoji K. Shell Pet. Co. Grace Line. U. S. Army. Quaker Line. U. S. Army. Quaker Line. Standard Oil of N. J Chile Nit. Sales Corp. Weyerhaeuser S.S. Co. Ore S. S. Corp. Amer. Hawaiian Line. Ludv. C. Braathen. Luckenbach Line	Cris'obal, C. Z. London, England Antwerp,Belgium Cardiff, Wales. Hopewell, Va New York, N. Y. Fall River, Mass. New York, N. Y. Cristobal, C. Z. Bridgeport, Conn. S. Nicolas, N.W.I. Tampa, Fla New York, N. Y. Baltimore, Md. Philadelphia, Pa Newp't News, Va. Boston, Mass	Padregal, R. P Papua, Australia, Anacouver, B. C. Vancouver, B. C. Yokohama, Japan Los Angeles, Cal. SanAntonio, Chile Gatun, C. Z. Portland, Oreg. SanAntonio, Chile Chile Seattle, Wash Cruz Gr'de, Chile Tacoma, Wash Kobe, Japan Seattle, Wash	General. (17) General. Ballast Nit. of soda Scrap iron. Ballast. General. Ballast. General. Fuel oil. Ballast. General. Scrap iron. General. General. General. General. General. General.	41 5,357 2,700 3,054 6,964 3,253 5,570 9,038 6,450 5,778 8,814 5,104

Tanker. ² Motor ship. ³ Motor schooner. ⁶ Launch. ⁹ Destroyer. ¹³ Gunboat. ¹⁴ General, paper, pipe.
 ¹⁵ Cotton, scrap iron. ¹⁶ For bananas and return to Cristobal. ¹⁷ Asphalt, cement, etc.

	rived	cleared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cle		(Charterer or operator)	From-	For—	Nature	Long tons
City of Norfolk Lodestone Herman F. Whi- ton.	9 8 9	9 9	Amer Brit Amer	Panama-Pacific Linc. Chile Nit. Sales Corp. Union Sulphur Co	New York, N. Y. Cardiff, Wales Galveston, Tex	S. Francisco, Cal. Antof'gasta, Chile Tacoma, Wash	General (14) Sulphur	3,820 8,431 7,500
Belpamela Kyusyu Maru ² Lt. Col. H. C. Schumm. ⁴	9	9 10		Belships Co Osaka Shosen Kaisha. U. S. Army	Philadelphia, Pa. Boston, Mass Cristobal, C. Z	Dairen, China Kobe, Japan Balboa, C. Z	(15) General Ballast	2,376 8,655
Darlington Court ² Michael J. Gou- landris.	9 10		Brit Greek.			Los Angeles, Cal. Vancouver, B. C.		
Touraine 2 Tai Shan 2 American Oriole	10 10 10	10 10	Nor			Japan		8,700 8,387 6,787 189
Ino ² Nordstjernan ² Sona ²	9 9			Royal Neth. S. S. Co. Johnson Line Elliot Ship. & Land Co.	Hallstavik, Swed.			5,643

	PACIFIC TO ATLANTIC											
Zannis L. Cam-	10	11	Greek.	Embiricos, Ltd.,Lond.	Britania, B. C	Claymont, Del	Pyrites ore	7,600				
Ferncliff 2	11	11	Nor	Chile Nit. Sales Corp.	Iquique, Chile	Norfolk, Va	Nitrate	7,750				
Chr. Knudsen 2	11	11	Nor	Canadian Transp. Co.	Britania, B. C	Dunkerque, Fr	(16)	8,278				
Hadleigh	11	11	Brit	Seaboard Ship. Co		Liverpool, Eng.	Lumber	6,222				
Nero 2	11	12	Neth	Royal Neth. S. S. Co.	B'ventura, Col	Cristobal, C. Z.	Coffee	245				
Alynbank 2	10	11	Brit	Burns Philp & Co		Karlshamn,Swed.	Copra, ore	8,124				
Texas Sun 1 2	11	11	Amer	Sun Oil Co	Los Angeles, Cal.		Gasoline,	14,973				
Pericles 1 2	11	13	Nor	Kawasaki K. Kaisha.	Los Angeles, Cal.		(17)	9,768				
Kinka Maru 2	11	12	Jap	Kokusai K. Kaisha	Manila, P. I	Montreal, Canada	(18)	7,446				
Porto Bello 2	11	14	Pan	A. Tagaropulos	Darien, R. P	Colon, R. P.	(19)	21 000				
Lebore	12	12	Amer.	Ore S. S. Corp		Baltimore, Md	Iron ore					
Pereira	9	14	Pan	Grace Line	Balboa, C. Z		Ballast					
Lewis Luckenbach President Herren-	11	12	Amer.	Luckenbach Line		Boston, Mass	Lumber, gen.					
schmidt.1 2	11	12	Nor	Pechelbronn	Lobitos, Peru	Donges, France	Crude oil	15,549				
La Brea 1	12	12	Amer.	Union Oil of Calif	Pt. San Luis, Cal.	Roltimore Md	Crude oil	9,401				
Asbiorn 2	12	12	Dan	S. S. Owners Oper. Co.	Britania, B. C	Claymont, Del	Pyrites	7.685				
Sambu 2	12	13	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	63				
Sona 2	12	14		Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	44				
Westmoreland	13	13	Brit	Fed. Steam Nav. Co	Lyttelton, N Z.	London, England	Frozen, gen.	5,925				
Lika	13	13		Chile Nit. Sales Corp.	Tocopilla, Chile	Azores 27	Nitrate	7,652				
Ebba 2	13	16		H. Obarrio	Real, R. P	Cristobal, C. Z	Bananas	35				
Pennsylvania	13	13		Weyerhaeuser S.S. Co.	S. Francisco, Cal.	Chester. Pa	(20)	7,510				
Leonard Wood 8.	9	14	Amer.	U. S. Army	Balboa, C. Z	New York, N. Y.	General	125				
Alaskan	13	13	Amer	AmerHawaiian Line.	Seattle, Wash	Boston, Mass	General	6,083				
Abraham Lincoln 2	13	14	Nor	Fred Olsen & Co	N.Westm'er, B.C.	Oslo, Norway	General	7,122				
Nemours 2	13	17	Fr	French Line	B'ventura, Col	Cristobal, C. Z.	Coffee	502				
Olopana	13	13		Matson Nav. Co	Pt. Allen, T. H.	New York, N. Y.	(21)	8,142				
Riptide 13	13	19		J. D. Payne	Balboa, C. Z	Cristobal, C. Z	Ballast					
Peggy Ann 13	13	19		J. D. Payne	Balboa, C. Z	Cristobal, C. Z.	Ballast					
Sandra 13	13	19		J. D. Payne	Balboa, C. Z	Cristobal, C. Z.	Ballast					
San Clemente	13	14	Amer	Quaker Line	Portland, Oreg	Philadelphia, Pa.	Lumber, gen.	6,929				
Marconi 2	14	15		H. Obarrio	Darien, R. P	Cristoba!, C. Z.	Bananas	49				
Statira 2	14	14		Mitsui & Co	Rashin, Korea	Falmouth, Eng.	Soy beans	8,800				
J. Fred Talbot 9	14	15		U. S. Navy	Balboa, C. Z	Cristobal, C. Z.	Th.z. con	7 000				
Point Caleta Ensley City	14 14	14 14	Amer	Swayne & Hoyt Isthmian S. S. Lines.	Portland, Oreg Kahului, T. H	New Orleans, La. Baltimore, Md	Lumber, gen. Pines, canec.	7,062 $7,500$				
Benavon	14	14		Anglo-Can. S. S. Co	Vancouver, B. C.	Hull, England	(22)	8.282				
Oilpioneer 1 2	14	14		Shell Oil Co	Los Angeles, Cal.	Curação, N.W.I	Kerosene dis.	8,689				
Texmar	14	14		Calmar Line	Seattle, Wash	Baltimore, Md	Lumber	6.909				
Lautaro 2	14	15		Pacific Steam Nav. Co.	Pta. Arenas, Chile	Liverpool, Eng.	(23)	8,253				
Brimanger 2	14	15		Interocean S.S. Corp.	Portland, Oreg	Rotterdam, Neth.	Lumber, gen.	7,167				
Ellin	15	15		Anglo-Can. S. S. Co	Aberdeen, Wash.	Liverpool, Eng	Lumber	7,450				
Steel Ranger	15	15		Isthmian S. S. Lines	Hilo, T. H	Baltimore, Md	(24)	8,782				
Blackheath	15	15		Anglo-Can. S. S. Co	Chemainus, B. C.	Liverpool, Eng.	Lumber, gen.	7,615				
Pacific Exporter 2	15	15		Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	Airpla's, gen.	8,472				
Mobile City	15	15		Isthmian S. S. Lines	Seattle, Wash	Baltimore, Md	(20)	6,999				
Dimitrios Chan-	15	15	Greek.	Anglo-Can. S. S. Co	Vancouver, B. C.	London, England	Lumber	7,300				
dris.	4.						~ .					
City of San Fran-	15	16	Amer	Panama-Pacific Line.	S. Francisco, Cal.	New York, N Y	General	4,986				
cisco.	1.5	1.0	n	N 7 01: C	4 11 1 27 77	T 1 D 1 1	(05)	. 100				
Rangitiki 2	15	15		N. Z. Shipping Co	Auckland, N. Z.			5,190				
Oregon Express 2.	15	19	NOT	Fruit Express Line	o. Francisco, Cal.	Glasgow, Scotland	(20)	1,826				

Tanker. ² Motor ship. ⁴ Tug. ⁸ Transport. ⁹ Destroyer. ¹³ Sailboat. ¹⁴ Patent fuel, coke. ¹⁵ Locomotives, general. ¹⁶ Pyrites, wheat, lumber. ¹⁷ Fuel and Diesel oil. ¹⁸ Sugar, rubber, general. ¹⁹ Plantains, lumber. ²⁹ Lumber, pulp, canned goods. ²¹ Sugar, pineapples, tin. ²² Lumber, wheat, lead, berries. ²³ Wool, skins, nitrate. ²⁴ Sugar, canec, pineapples. ²⁵ Meat, wool, general. ²⁶ Fresh, dried, and canned fruits. ²⁷ For orders.

PACIFIC TO ATLANTIC-Continued

	_			PACIFIC TO ATLA				
	rrived	leared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Real ² . Pirre ² . Yamagiri Maru ² . W. R. Keever. Acajutla. Cathwood ¹ . Carica Milica. Kentuckian. West Cape. Santa Lucia. Sea Thrush. Glorian ⁵ .	15 15 15 15 16 16 16 16 16 16 16	16 16 17 16 22 16 16 16 16 17 16	Pan Jap Amer Amer J-Slav . Amer Amer Amer Amer Amer Amer Amer Amer	Elliot Ship. & Land Co. Elliot Ship. & Land Co. Samashita K. Kaisha Dutton Lumber Corp. Pacific Steam Nav. Co. Union Oil of Calif. Seaboard Ship. Co. AmerHawaiian Line. McCormick S. S. Co. Grace Line. Shepard S. S. Co. Wm. Liebow	Darien, R. P. Darien, R. P. Kobe, Japan Portland, Oreg. Champ'ico, Guat. Pt. S. Luis, Calif. Victoria, B. C. Portland, Oreg. Tacoma, Wash. SanAntonio, Chile Pt. Angeles, Was. Balboa, C. Z.	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Buenos Aires, Arg. Boston, Mass Cristobal, C. Z Savannah, Ga. Grangem th, Scot. Boston, Mass Philadelphia, Pa. New York, N. Y. Boston, Mass Cristobal, C. Z. Sewaren, N. J. Cristobal, C. Z.	Bananas. Bananas. General. General. (14) Crude oil. Wheat, lum General. Lumber, gen General. (15) Ballast Gas, keros'c.	13 50 2,353 7,500 9,109 8,900 5,017 7,616 4,782 7,690
Elwood ¹ . Lt. Col. H. C. Schumm. ⁴ Ino ² . Istmo ² . Athelempress ¹ ² . Dorothy Lucken-	17 17 17 17 17	19 18 18 17 17	Amer Amer Neth Pan Brit Amer	Shell Oil Co	Los Angeles, Cal. Balboa, C. Z Guayaquil, Ecua. Tumaco, Colom Kahulaui, T. H Seattle, Wash	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Birkenhead, Eng. Boston, Mass	(16) Ballast Molasses Lumber, gen.	242
bach. Colombia ² . Akagi Maru ² . Amerikaland ² . Inge Maersk ¹ ² . John Bakke ² . Bogota ² . Telde. Yankee Arrow ¹ .	17 17 17 17 17 17 17 18 18	19 18 18 18 18 18	Pan Jap Swed Dan Nor Ger Hond Amer	Elliot Ship. & Land Co. Nippon Yusen Kaisha Ore S. S. Corp. Stivensen Hardy. Knutsen Line North German Lloyd. United Fruit Co. Shell Oil Co.	B'ventura, Col Iloilo, P. I. Cruz Gr'de, Chile Los Angeles, Cal. Valparaiso, Chile. Guayaquil, Ecua. Puntarenas, C.R. Los Angeles, Cal.	Cristobal, C. Z New York, N. Y. Baltimore, Md Hamburg, Ger Norrkoping, Swed Cristobal, C. Z New Orleans, La. New York, N. Y. Cristobal, C. Z	Coffee (17) Iron ore Gasoline General (18) (14) . Fuel oil	411 6,322 22,300 13,827 7,534 720 622 12,093
Clio ² Dalfram. Pennmar Salacia ² . Porto Bello ² . Harlesden Java Arrow ¹ . Benlomond	18 18 18 18 18 19 19	18 18 18 18 18 19 19	Neth	Royal Neth. S. S. Co. Francais des Phosph'es Calmar Line. Donaldson & Black. A. Tagaropulos Colonial Sugar Refin. Mexican Petrol. Co. East Asjatic Co.	Tumaco, Colom Makatea, So. Pac. Tacoma, Wash Vancouver, B. C. Darien, R. P. Suva, Fiji Is Los Angeles, Cal. Rashin, Korea	Landskrona, Swed Baltimore, Md Glasgow, Scotland Colon, R. P London, Eng. ¹³ Carteret, N. J Copenhagen, Den.	Coffee, hides. Phosphate Lum., copper General (19) Sugar	7,850 6,800 6,387 3 8,227 12,092 7,565
Lena Luckenbach. California Standard. 1 2 AeasOhioanRiley 2Ophelie 1	19 19 19 19		Greek. Amer Brit	Luckenbach-Gulf Co. Foreign Tankship Co. Pateras Bros AmerHawaiian Line. Phosphate Commis	Portland, Oreg El Segundo, Cal Portland, Oreg Seattle, Wash Nauru, So. Pac	Tampa, Fla United Kingdom. Falmouth, Eng. ¹³ Baltimore, Md United Kingdom.	Wheat Lumber, gen. Phosphate	7,300 6,099 8,870
Sambu ² . Sona ² . Leeds City. Marconi ² . San Felipe. Lagarto ² . Ebba ² .	19 19 19 19 20 19 20 20	20 20 21	Pan Pan Pan Amer Brit Pan	Consom. de Petroles. Elliot Ship. & Land Co. Elliot Ship. & Land Co. Dingwall Cotts & Co. D. Campodonico. Quaker Line. Pacific Steam Nav. Co. H. Obarrio.	Lobitos, Peru Darien, R. P. Darien, R. P. Vancouver, B. C. Panama, R. P. Portland, Oreg. Talcahuano, Chile El Real, R. P. Lyttleton, N. Z.	Donges, France Cristobal, C. Z Cristobal, C. Z London, England Cristobal, C. Z Philadelphia, Pa. Hull, England Cristobal, C. Z Montreal, Canada	Crude oil Bananas	
City of Glasgow. Georgian. Steelore. Helga. Frisia ² . Winkleigh. Margrethe Bakke ² Gertrude Maersk ² Benvenue. Lt. Col. H. C.	20 20 21 20 20 21 21 21 21 21 21	20 21 21 22 21 21 21 22 21	Amer Dan Ger Brit Nor Dan Brit	H. Obarrio, M. A. N. Z. Line, AmerHawaiian Line, Ore S. S. Corp. J. Lauritzen, Hamburg-Amer. Line, Seaboard Ship. Co. Knutsen Line Isbrandtsen Moller. Anglo-Can, S. S. Co.	Seattle, Wash Cruz Gr'de, Chile Valparaiso, Chile. B'ventura, Col N.Westm'er, B.C. N.Westm'er, B.C. Cebu, P. I. N.Westm'er, B.C.	Boston, Mass. Baltimore, Md New York, N. Y. Cristobal, C. Z London, England Cardiff, Wales. New York, N. Y. London, England	General Iron ore (21) Ballast Grain, lum General Sugar, gen (22)	7,874 21,800 2,632 8,880 6,830 6,779 8,385
Lt. Col. H. C. Schumm,4 Erria 2 Delftdijk 2 Aliakmon. Swiftarrow 1 Este Sado Maru 2 Pirre 2 Duchess of Rich-	21 22 21 21 22 22 22 22 23	22 22 22 23 22 23	Dan Neth Greek . Amer Ger Jap Pan	U. S. Army. East Asiatic Co No. Pac. Coast Line C. Czarnikow, Ltd Shell Oil Co North German Lloyd. Nippon Yusen Kaisha Elliot Ship, & Land Co. Canadian Pacific.	Tsingtao, China	Cristobal, C. Z Copenhagen, Den. Rotterdam, Neth. Casablanca, Af New York, N. Y. Bremen, Germany Hamburg, Ger Cristobal, C. Z Montreal, Canada	General Sugar Fuel oil Logs, oil, gen. General Bananas	6,165 9,216 7,424 10,686 9,008 5,896 43
mond. Athenic Santa Barhara 2 Dakotan City of Norfolk Hanover 2 Nero 2 John Cabot	23	23 23 23 24 24	Brit Amer Amer Ger	Canadian Transp. Co. Grace Line	Britania, B. C SanAntonio, Chile S. Francisco, Cal. S. Francisco, Cal. Corral, Chile	Hamburg, Ger Cristobal, C. Z	Lumber, gen. General	8,614 2,752 6,516 6,058

¹ Tanker. ² Motor ship. ⁴ Tug. ⁵ Launch. ¹³ For orders. ¹⁴ Coffee, wood, general. ¹⁵ Lumber, copper, general. ¹⁶ Coffee, cocoa, ivory nuts. ¹⁷ Raw silk, sugar, general. ¹⁸ Ivory nuts, general. ¹⁹ Plantains, lumber. ²⁰ Sugar, cotton, general. ²¹ Copper, ore, general. ²² Timber, grain, general. ²³ Ivory nuts, cacao, coffee.

PACIFIC TO ATLANTIC-Continued

	arrived	ared	Nation-	Line	Po	ort	Cargo	
Ship	Date arr	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long
Seattle ² . Asakasan Maru ² . Silvaplana ² . Honomu. Ino ² . Colombia ² . Durazzo. Liliian Lucken-	24 24 24 24 24 24 24 24 24 24	25 24 24 24 29 26 28 24	Ger Japan. Nor Amer Neth Pan Ger Amer	Hamburg-Amer. Line. Mitsui & Co., Ltd Continental Grain Co. Matson Nav. Co Royal Neth. S. S. Co. Elliot Ship. & LandCo. Hamburg-Amer. Line. Luckenbach Line	Vancouver, B. C. Manila, P. I. Vancouver, B. C. Honolulu, T. H. Tumaco, Colom. B'ventura, Col. Guayaquil, Ecua. Seattle, Wash	Hamburg, Ger New York, N. Y. Riga, Latvia New York, N. Y. Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Boston, Mass	(14) General Wheat Canned pines (15) Coffee General Lumber, gen.	6,490 8,131 8,366 8,996 75 465 620 8,297
bach. General W. M. Graham. ¹¹	25		Amer	U. S. Army	Balboa, C. Z	Cristobal, C. Z		
Clumberhall Memphis City Walter D. Munson.	23 24 25	25 25 25	Brit Amer Amer	Seaboard Ship. Co Isthmian S. S. Lines Blanchard Lumber	Vancouver, B. C. Honolulu, T. H. Aberdeen, Wash.	Manchester, Eng. Baltimore, Md New York, N. Y.	Wheat, lum. Canned pines Lumber	8,574 8,256 4,400
Borgestad ² . Taranger ² . Pomona Brazilian Reefer ² Porto Bello ² . Keiyo Maru ² . Aldington Court ² Turakina Fresno Star Vermar. Sona ² . Real ² .	25 25 25 25 26 26 26 26 26 26 26 26 26 26	25 25 25 25 25 26 27 26 27 26 27 27 27 27	Nor Nor Amer. Dan Brit Brit Amer Pan .	Canadian Transp. Co. Interocean S. S. Corp. Weyerhaeuser S.S. Co. J. Lauritzen. A. Tagaropulos Nippon Yusen Kaisha Canadian Transp. Co. N. Z. Shipping Co. Blue Star Line. Calmar Line. Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Vancouver, B. C. Portland, Oreg Seattle, Wash. S. Francisco, Cal. Darien, R. P. Hoilo, P. I. Pt. Alberni, B. C. Bluff, N. Z. N. Westm'er, B. C. Longview, Wash. Darien, R. P. Darien, R. P. P. Vancouver, B. C. Vancouver, R. C. Vancouver, B. C. Vancouver, R. C. Vancouver, R. C.	Garston, Ireland. Rotterdam, Neth. Norfolk, Va. London, England Colon, R. P. New Orleans, La. London, England Glasgow, Scotland Newcastle, Eng. Boston, Mass. Cristobal, C. Z. Cristobal, C. Z.	Lumber, gen. General (16) Fruit, gen (17) Sugar, gen (18) Frozen, gen. Fruit, gen Lumber Bananas Bananas	5,450 7,085 10,112 812 3 7,240 8,686 6,153 6,900 7,611 38
West Ira	24 26 26 26 26	27 27 27 27 27 27	Amer Amer Amer Jap Nor	McCormick S. S. Co., Isthmian S. S. Lines., Matson Nav. Co., Mitsui & Co., Ltd., Fruit Express Line	Vancouver, B. C. Seattle, Wash Port Allen, T. H. Manila, P. I S. Francisco, Cal.	Buenos Aires, Arg. Mobile, Ala Baltimore, Md Baltimore, Md London, England	Lumber, gen. Lumber, gen. (19) (20) (21)	5,060 2,931 8,506 7,432 1,045
Maine. Lima ² Mary Ellen ⁵ Caroliman. Mussolini ² Point Ancha Skjelbred ² Ville D'Amiens Silverbelle ² . Santa Inez ² Selma City. Vancouver City ² . Horda. Kaipaki ² . Nuevo Panama ² Grant ⁸ . Salvador West Portal City of Baltimore. Sambu ² J. Fred Talbott ⁹ Chastine Maersk ² Firmore. Saint Gobain ¹ Coregon ² Felix Taussig Charleston ¹² Charleston ¹² Tilsington Court. Tilsington Court.	26 26 27 27 28 27 27 28 27 28 28 28 29 29 29 29 29 29 29 29 29 29 29 29 29	27 28 29 28 29 29 29 30 31 30 5 29 30 30 6 30 30 30 30 30 30 30 30 30 30 30 30 30	Amer Amer Nor Amer Amer Amer Amer Brit Nor Brit Brit Amer Brit Amer Brit Amer Amer Amer Amer Amer	CalifEastern Line Johnson Line Hal. Kleid AmerHawaiian Line. E. Obarrio Swayne & Hoyt Kawasaki K. Kaisha. Messageries Marit'es. Kerr S. S. Co. Grace Line Isthmian S. S. Lines. Colonial Sugar Ref. Canadian Gulf, Ltd. Trinder, Anderson. Elliot Ship. & Land Co. U. S. Army. Pacific Steam Nav. Co. McCormick S. S. Co., Panama-Pacific Line Elliot Ship. & Land Co. U. S. Navy. Colonial Sugar Ref. Ore S. S. Corp. Raffinerie de Berre. French Line. McCormick S. S. Co. U. S. Navy. Canadian Transp. Co.	Los Angeles, Cal. N.Westm'er, B.C. Balboa, C. Z. Pt. Angeles, Wash. Darien, R. P. Seattle, Wash. Holio, P. I. Noumea, N. Caled Los Angeles, Cal. Antof'gasta, Chile Seattle, Wash. Suva, Fiji Is. Powell Riv, B.C. Sydney, N. S. W. Darien, R. P. S. Francisco, Cal. Champ'ico, Guat. Seattle, Wash. S. Francisco, Cal. Darien, R. P. Balboa, C. Z. Suva, Fiji Is. Cruz Gr'de, Chile Talara, Peru. Vancouver, B. C. Tacoma, Wash. Balboa, C. Z. Tacoma, Wash. Balboa, C. Z. Tacoma, Wash. Balboa, C. Z. Tacoma, Wash. Balboa, C. Pt. Alberni, B. C. Pt. Alberni, B. C.	Philadelphia, Pa. Stockholm, Swed. P. Miguel, C. Z. Boston, Mass. Cristobal, C. Z. New Orleans, La. Philadelphia, Pa. Marseille, France Calcutta, India New York, N. Y. Baltimore, Md. Lands End 13. Houston, Tex. Montreal, C. Z. New York, N. Y. Cristobal, C. Z. New York, N. Y. Cristobal, C. Z. Cristobal, C. Z. Lands End 13. Landa C. Z. Lands End 14. Landa C. Z. Cristobal, C. Z. Lands End 14. Landa C. Z. Lands End 14. Landa C. Z. Cristobal, C. Z. Lands End 14. Landa C. Z. Cristobal, C. Z. Lands End 14. Landa C. Z. Cristobal, C. Z. Lands End 14. Landa C. Z. Cristobal, C. Z. Lands End 14. Landa C. Z. Cristobal, C. Z. Lands End 14. Landa C. Z. Cristobal, C. Z. Lands End 14. Landa C. Z. L	Lumber, gen. General. Ballast. General. Bananas. General. Sugar, gen. Copra, gen. Lumber, gen. (22) Lumber, gen. Sugar. General. Bananas. General. General. Bananas. General. Lumber, gen. General. Lumber, gen. Cugar. Fugar. General. Cumber, gen. General.	2,844 8,346 8,401 5,227 4,031 555 277 731 5,942 6,123 68 7,253 11,850 14,203 8,653 6,861
Insington Court Imperial ² Helder Nebraskan. Mataroa. Tai Yin ² Hawaiian K. I. Luckenbach. Dorington Court Aelybryn. Chilore Pacific Ranger ² Lapwing ⁴ Lapwing ⁴ Hagan ¹ .	30 30 30 31 25 30 30 30 31 30 31 30 30	30 31 31 31 31 31 31 31 31 2	Chile Neth Amer Brit Nor Amer Brit Brit Brit Amer Brit Egypt.	Canadian Transp. Co. Sud Amer. de Vapores Royal Neth S. S. Co., AmerHawaiian Line. Shaw, Savill & Albion Barber Line. Chile Nit. Sales Corp. Seaboard Ship. Co. Ore S. S. Corp. Furness, Withy & Co. U. S. Navy. Chile Nit. Sales Corp. Shell Oil Co.	Pt. Alberni, B. C. Corral, Chile. Corral, Chile. Portland, Oreg Auckland, N. Z. Zamboanga, P. I. Portland, Oreg Seattle, Wash Iquique, Chile. Chemainus, B. C. Cruz Gr'de, Chile Victoria, B. C. Balboa, C. Z. Tocopilla, Chile. S. Francisco, Cal.	Hull, England. Hamburg, Ger. Hamburg, Ger. Boston, Mass. London, England New York, N. Y. Baltimore, Md. New York, N. Y. Azores ¹³ . Barry, England. Baltimore, Md. Manchester, Eng. Cristobal, C. Z. Alexandria, Egypt New York, N. Y.	General General General Frozen, gen. (27) General. Nitrate (28) Iron ore. General. Nitrate Alcohol, ker.	3,746 5,818 8,298 4,458 7,647 6,717 8,456 9,400 8,428 21,700 8,937 7,350

¹ Tanker. 2 Motor ship. 4 Tug. 5 Launch. 8 Transport. 9 Destroyer. 11 Mine planter. 12 Cruiser. 12 For orders. 14 Wheat, timber, general. 15 Coffee, empty bottles. 16 Lumber, wood pulp, general. 17 Plantains, lumber. 18 Lumber, grain, canned goods. 19 Sugar, canned pineapples, canec. 20 Sugar, rubber, general. 21 Fresh and canned fruit. 22 Metals, fruit, general. 22 Newsprint paper and shingles. 24 Lumber, copper, wheat. 25 Lumber, pulp, general. 26 Lumber, iron pyrites. 27 Sugar, oil, general. 28 Lumber, wheat, oats.

PACIFIC TO ATLANTIC—Continued

				PACIFIC TO ATE	NTIC—Continued			
	rrived	leared	Nation-	Line	P	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Colombia ² Erie ¹²	31	2	Pan Amer	Elliot Ship. & Land Co. U. S. Navy	B'ventura, Col Balboa, C. Z	Cristobal, C. Z Cristobal, C. Z	Coffee, gen	532
Massmar Walter A. Luck-	31 31	1 2	Amer Amer	Calmar Line Luckenbach Line	Balboa, C. Z Portland, Oreg Seattle, Wash	Baltimore, Md Boston, Mass	General	6,520 6,901
enbach. Embassage	31 31	2 2		Seaboard Ship. Co	Vancouver, B. C. LaLibertad, Ecua.	London, England	Wheat, lum.	8,339 9,995
El Grillo 1 Porto Bello 2 Orotava	1	1 2	Pan Hond.	C. T. Bowring & Co. A. Tagaropulos United Fruit Co	Darien, R. P	Lands End, Eng. Colon, R. P New Orleans, La.	(15) (16)	3 1,124
Orotava Hindanger ² Clio	31	3	Nor Neth	Interocean S. S. Corp. Royal Neth. S. S. Co.	Vancouver, B. C. Guayaquil, Ecua. Vancouver, B. C.	New Orleans, La. Hull, England Cristobal, C. Z. Garston, Ireland	(17)	6,957
Istok	1	2 2	Neth. Y-Slav. Jap	hawasaki K. Kaisha	Vancouver, B. C. Iloilo, P. I.	Garston, Ireland. New York, N. Y.	Lumber (19)	7,650 5,272
Grete Maersk 2 Svealand 2	1 1	3 2	Dan Swed	A. P. Moller Ore S. S. Corp. Knutsen Line	Iloilo, P. I. Bugo, P. I. Cruz Gr'de, Chile Valparaiso, Chile. Tocopilla, Chile.	New York, N. Y. Baltimore, Md Baltimore, Md	General General	
Emma Bakke 2	1	3	Nor Brit	Knutsen Line Chile Nit. Sales Corp.	Valparaiso, Chile. Tocopilla, Chile.	Azores 13	General Nitrate	7,470 7,550
Barrgrove	2		Amer.	U. S. Army	Danota, C. Z.,	Cristobal, C. Z.		
Kalani	1 2	3	Amer Brit	Matson Nav. Co. Dulverton S. S. Corp.	Kahului, T. H. Vancouver, B. C.	Baltimore, Md London, England	Wheat, lum.	7,780 9,470
Sona ² Sambu ²	2 2 2	3	Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co. Shepard S. S. Co.	Darien, R. P Darien, R. P Seattle, Wash	Cristobal, C. Z Cristobal, C. Z	Bananas	38 63
Harpoon Nemours ² Nero ²	2 2 2 2	2	Amer	French Line	B'ventura, Col	Boston, Mass Cristobal, C. Z Cristobal, C. Z	Lumber, gen.	651
Mount ida	2 2	3	Greek.	Royal Neth. S. S. Co. Anglo-Can. S. S. Co. Pacific Steam Nay. Co.	B'ventura, Col S. Francisco, Cal.	Hull, England	Coffee, hides	7,100
Laguna ² Chios	2 2 2	3	Brit Greek	Seaboard Ship, Co	SanAntonio Chile Vaneouver, B. C.	Liverpool, Eng Hull, England	Wheat, lum.	7,100 8,296 8,555 9,247
Master Elias Ku- lukundis.	3	3	Greek.	Seaboard of Vancouver	Vancouver, B. C.	London, England		
Malay ¹ Kano Maru ² American Robin	3 3	3 4 4	Amer Jap Amer	Shell Oil Co Kokusai Kisen Kaisha AmerFor. S. S. Corp.	Los Angeles, Cal. Singapore, St. Set. Pt. Angeles, Wash.	New York, N. Y. New York, N. Y. New York, N. Y.	Fuel oil (24) Lumber	11,663 7,182 6,963
Wearpool 2 Nicolaou Virginia,	3	4	Brit	Pool Shipping Co	Pt. Alberni, B. C. Pt. Alberni, B. C.	London, England London, England	Wheat, lum. Wheat, lum.	8,710 9,000
Hazelside San Lucas	3 3 3 3	4	Greek. Brit Amer	General S. S. Corp Canadian Transp. Co.	Woodfibre, B. C Vancouver, Wash.	Liverpool, Eng Philadelphia, Pa	Wheat, lum. Lumber, gen.	6,940
Orbita Temple Yard	4 3	5	Brit Brit	Pacific-Atl. S. S. Co Pacific Steam Nav. Co. Seaboard Ship. Co.	Talcahuano, Chile Vancouver, B. C.	Liverpool, Eng Newport, Eng	Lum., wheat.	7,951 8,450
Mussolini 2 Baron Androssan.	4 4	5	Pan Brit	H. Obarrio British Phos. Com	Darien, R. P	Cristobal, C. Z. Grangem'th, Scot.	Bananas Phosphate	65 5,900
Maine	4 4	5	Amer Brit	Isthmian S. S. Lines. Anglo-Saxon Pet. Co.	Nauru Is., S. Pac. Honolulu, T. H. Los Angeles, Cal.	Philadelphia, Pa. Curacao, N.W.I	Pineapples Stove oil	8,250 11,049
Maine. Alexia ^{1 2} . Winona Pennsylvania Sun ¹	2 5 2 5	5	Amer	Weyerhaeuser S.S. Co. Sun Oil Co.	S. Francisco, Cal. Los Angeles, Cal.	Baltimore, Md	Lumber, gen. Gasoline	8.141
wronkieign	5	6	Brit Brit	Seaboard Ship. Co Ship Owners Co	Vietoria, B. C Britannia, B. C	Chester, Pa London, England Claymont, Del	Lumber Pyrites	8,200 8,320
HartbridgeVillanger ² Parthenia	5	5	Nor Brit	Interocean S. S. Corp. Donaldson & Black	Portland, Oreg Victoria, B. C.	Havre, France Glasgow, Scotland	General	7,349 5,720
Jutland	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	6	Brit Pan	Seaboard Ship. Co Elliot Ship. & Land Co.	Pt. Alberni, B. C. Darien, R. P	London England	Grain, lum Bananas	8,800
Real ²	5	6 7	Pan Swed	Elliot Ship, & Land Co. Johnson Line.	Darien, R. P Valparaiso, Chile.	Cristobal, C. Z Cristobal, C. Z Goth'burg, Swed.	Bananas	28 53 6,224
Mathew Lucken- bach.	5 6	6	Amer.	Luckenbach-Gulf Co.	Seattle, Wash	Tampa, Fla	General	6,514
Floridian Laurits Swenson ²	6	6 8	Amer Nor	AmerHawaiian Line. Fred Olsen & Co	Seattle, Wash Vancouver, B. C.	Boston, Mass Oslo, Norway	General	8,309 7,450
Santa Clara Hokuroku Maru	6	7	Amer Jap	Grace Line	SanAntonio, Chile Iloilo, P. I	Oslo, Norway New York, N. Y. Baltimore, Md	Conoral	5,087 7,853
Sessa	6	7	Dan Pan	Osaka Syosen Kaisya. Wessel, Duval & Co Grace Line.	SanAntonio, Chile Champ'ico, Guat.	New York, N. Y.	General General	2,612 959
Pereira Colombia ² Chiriqui ²	6		Pan Pan	Elliot Ship. & Land Co.	B'ventura, Col Panama, R. P.	Cristobal, C. Z Cristobal, C. Z	Coffee Ballast	256
Hartlebury City of Newport News.	6 7	8	Brit Amer	Elliot Ship. & Land Co. Seahoard Ship. Co Panama-Pacific Line	Woodfibre, B. C. S. Francisco, Cal.	Cristobal, C. Z. Cristobal, C. Z. New York, N. Y. New York, N. Y.	General	7,000 5,544
Arkansan K. R. Kingsbury ¹ Lieut. Col. H. C.	6 7 7	7 7 9	Amer Amer Amer	AmerHawaiian Line. Standard Oil of Calif. U. S. Army	Portland, Oreg S. Francisco, Cal. Balboa, C. Z	Boston, Mass Baltimore, Md Cristobal, C. Z	General Asphalt	7,135 10,955
Schumm. ⁴ Stonegate Tosca ²	7 7 7	8	Brit Nor	Chile Nit. Sales Corp. Chile Nit. Sales Corp.	Tocopilla, Chile. Tocopilla, Chile.	Azores 13 Azores 13 Rotterdam, Neth.	Nitrate	8,560 7,425
Dinteldijk 2 West Wales Akatuki Maru 1 2	7	10	Neth Brit	Holland-Amer. Line Chile Nit. Sales Corp.	Victoria, B. C Tocopilla, Chile.	Rotterdam, Neth. Azores ¹³ Pt. Arthur, Tex	Wheat, gen Nitrate	9,915 7,800
Akatuki Maru 1 2	6	9	Jap	Nippon Kaiun Kaisha	Los Angeles, Cal.	Pt. Arthur, Tex	Ballast	

PACIFIC TO ATLANTIC-Continued

	arrived	eleared	Nation-	Line	Port				
Ship	Date an	Date ele	ality	(Charterer or operator)	From—	For—	Nature	Long	
H. D. Collier 1. Maravi. Holmpark Porto Bello 2. Port Halifax 2. Ino 2. Alkmaar. Naruto Maru 2. Alkmaar. Naruto Maru 2. Sambu 2. Sona 2. Fraser St. Laurent. G. C. Brovig 1 2. Ross 2. William Luckenbach. Mussolini 2. Ebba 2. Herstein 2. Anatina 2. Anglo Canadian 2.	3 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10		NethJapAmerPanCanCanNorBritAmerPanPanNorPanPanPanPanPan	Standard Oil of Calif. United Fruit Co. S.S. Owners-Oper'ors. A. Tagaropulos. M. A. N. Z. Line. Royal Neth. S. S. Co. Royal Neth. S. Co. Royal Neth. S. Co. Royal Neth. S. Co. Royal Neth. S. Com. Luckenbach Line. E. Obarrio E. Obarrio Sig. Herlofson & Co. W. I. Trad., Copenh. Seaboard Ship. Co.	Corral, Chile	Boston, Mass Claymont, Dela Colon, R. P Montreal, Canada Cristobal, C. Z. Liverpool, Eng. Baltimore, Md Baltimore, Md Cristobal, C. Z. Cristobal, C. Z. High seas	Ballast. Concentrates (12) General. (14) General. (15) Crude oil. Bananas. Bananas.	5,490 555 10,992 4,504 10,869 40 28	

² Motor ship. ¹³ Plantains, bananas. ¹⁴ Coffee, cocoa, ivory nuts, balsa. ¹⁵ Sugar, silk, general. 6 Canned goods, lumber.

Comparison of Traffic at the Suez and Panama Canals for Twelve Months Ended July 31, 1939 and 1938

		Suez	Canal		Panama Canal				
Month	Number of	transits	Perc	ent	Number of	transits	Percent		
	1939	1938	Increase	Decrease	1939	1938	Increase	Decrease	
August	522	531		1.7	468	505		7.3	
September	508	522		2.7	438	444		0.9	
October	540	557		3.1	494	461	7.2		
November	495	526		5.9	505	435	16.1		
December	503	541		7.0	509	439	15.9		
January	472	544		13.2	525	444	18.2		
February	496	50 8	1	2.4	501	436	14.9		
March	536	578	1	7.3	553	506	9.3		
April	509	516		1.4	496	487	1.8		
May	508	479	6.1		506	465	8.8		
June	474	469	1.1		479	445	7.6		
July	471	509		7.4	485	429	13.1		
Total	6,034	6,280		3.9	5,959	5,496	8.4		

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal,

Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc. At the office of the Port Captain in Balboa, a limited stock of navigational charts,

books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic

Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Tolls Charges for Transit of the Panama Canal

(Effective March 1, 1938)

1.	Complete transit (one way): (a) Merchant vessels, yachts, army and navy transports, colliers, hospital	
	ships, and supply ships, when carrying passengers or cargo—	
	Per net vessel-ton of 100 cubic feet each of actual earning capacity—that	
	is, the net tonnage determined in accordance with the Rules for the	
	Measurement of Vessels for the Panama Canal	\$0.90
	(b) Vessels in ballast without passengers or cargo—	
	Per net vessel-ton	.72
	(c) Other floating craft, including warships, other than transports, colliers,	
	hospital ships, and supply ships—	
	Per ton of displacement	.50
2.	Part transit:	
	Vessels returning from Gatun Lake to original point of entry into the	
	Canal, without passing through the locks at the other end, are charged	
	tolls for one passage only.	

3. Free transit:

Vessels transiting the Panama Canal by prearrangement from Cristobal to Balboa and return for the sole purpose of having repairs made at Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, \$7.75 per ton; second 250 tons, \$7 per ton; balance over 500 tons, \$6.50 per ton. Balboa, first 250 tons, \$10.75 per ton; second 250 tons, \$10 per ton; balance over 500 tons, \$9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the

coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour,

regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks

of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, \$1 per barrel at Cristobal and Balboa; Diesel oil, \$1.65 per barrel at Cristobal and Balboa.

Density of Water in Balboa and Cristobal Harbors

Place.	Weight of sea	Rainy season. Average tempera-		
11300.	Average.	Maximum.	Minimum.	ture. Degrees F.
Cristobal (between docks 8 and 9). Balboa (dock 18).	1018 1011	1020 1021	1013 1005	84.0 83.0

⁽Note.—The above is based on two months' observations at Cristobal and Balboa. Average taken at 12-foot depth. Minimum occurred after heavy rain at 3-foot depth at Cristobal and 12-foot depth at Balboa. The weight of a cubic foot of fresh water at 85° F. is 995 ounces.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices to individuals and companies, as of September 7, 1939:

Commodities	Unit	Price
Brass, bar, average	. Lb.	\$0.23
Brass, sheet, average		.30
Bronze, Tobin, average		.22
Gasoline, motor grade	Gal.	.10
Metal, yellow	Lb.	.26
Oakum, Navy, spun		.18
Oakum, Navy, unspun		1 .18
Oil, gun and ice machine	Gal.	.31
Oil, engine, gas, light, in drums, No. 2135		.28
Oil, engine, gas, extra heavy, in cases, No. 2250		.32
Oil, engine, gas, extra heavy, in drums, No. 2250.		.30
Oil, kerosenc, in drums.		10
Oil, marine, engine		.50
Paint, lead, white, dry		.11
Paint, lead, white, in oil		112
Paint, zinc oxide, dry.		.09
Paint, zinz oxide, in oil		12
Grease, gear, chain and wire rope, lubricating		.05
Grease, vellow, cup, medium		.07
Grease, yellow, cup, hard		.07
Soda, ash		.03
Waste, cotton, colored		.11
Waste, cotton, white.		.13

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OILS, FORCE FEED AND MOTOR CYLINDER

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication. Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A

with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomolive.—A lubricant on journals of all cars, passenger coaches, steam and electric loco-

motives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricani (gear, chain and wire rope).-For lubrication and protection of chains, wire rope, and gears

Canton legal, chain and where rope).—For inforcation and protection of chains, where rope, and gears of cranes, dredges, steamshovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Natsfoot.—For softening and preserving leather. Solvent.—Rust-preventing lubricant, for general use. Sperm.—Used principally by U. S. Navy.

Location of Patients, and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings, and the visiting hours for the various wards and sections.

Section and Ward	Visiting Hours
Section "A:" Private and semiprivate rooms. Wards	Daily, 9:30-11 a. m.; 2-4:30 p. m.; 6:30-8 p. m. Tuesday, Thursday, and Saturday, 2:30-4:30 p. m.; 6:30- 7:30 p. m.
Section "B:" Wards 5, 6, and 7 Ward 8 (maternity ward)	Sunday and holidays, 9:30-11 a. m.; 2:00-4 p. m. Daily, 9:30-11:00 a. m.; 2:00-4:30 p. m.; 6:30-8:00 p. m. Daily, 2:30-4:00 p. m.; 6:30-8:00 p. m. Visitors to this ward will be limited to the husband and to the immediate family, i. e., father or mother or, if no parents are at hand, to one woman friend who shall be designated by the patient. Visits to the maternity ward will be limited to ten minutes during the designated
Nursery. Section "C:" Wards 9 (colored section), 11, 12, and 13. Wards 9 (white section), 10, and 14.	visiting periods. No visitors are permitted in the Nursery at any time. Wednesday, Friday, Sunday, and holidays, 1-2:30 p. m. Visitors from Atlantic side may remain until 3 p. m. Tuesday, Thursday, and Saturday, 2:30-4:30 p. m.; 6:30-7:30 p. m. Sundays and holidays, 9:30-11 a. m.; 2:30-4:30 p. m.; 6:30-7:30 p. m. Visitors to veneral cases in wards 13 and 14 will be limited
Section "D:" Wards 15 and 16	to two members of patient's immediate family. Tuesday, Thursday, and Saturday, 2:30-4:30 p. m.; 6:30-7:30 p. m. Sundays and holidays, 9:30-11 a. m.; 2:30-4:30 p. m.; w6:30-7:30 p. m.
Wards 17, 19, and 20	Wednesday, Friday, Sunday, and holidays, 1-2:30 p. m. Visitors from Atlantic side may remain until 3 p. m. Daily, 9:30-11 a. m.; 2-4:30 p. m.
Isolation section	No visitors permitted except to adults to visit tuberculosis patients Thursday, Sunday, and holidays, 1:30-3 p. m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office. Immediate relatives of scriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The

variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of sup-plies to steamships, carries a complete line of provisions, such as ice, meats (including native provisions, such as ice, mears (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, and tobacco, which are for sale to ships at reasonable prices. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are

covered piers for the storage of cargo. These are modern structures; fireproof, rat proof, in splendid condition, well lighted and maintained in a clean

and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Trips Through the Canal

Trips Through the Canal

The following lines operating passenger carrying vessels through the Canal carry local passengers from one terminal to the other: Grace Line, Johnson Line, Hamburg-American Line, North German Lloyd, Navigazione Generale Italiana, Pacific Steam Navigation Co. The Panama Pacific Line carries passengers from Balboa to Cristobal only, their rate being \$10, first class only. The rate is \$5 on the Grace Line, Johnson Line, and Pacific Steam Navigation Co., and \$6 on the Hamburg-American Line, North German Lloyd, and Navigazione Generale Italiana vessels, first class passage. The Pacific Steam Navigation Company also have a rate of \$4 second class and \$2 third class,

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides: From Colon: Daily, 7:00 a. m.; 11 a. m.; 5 p. m.;

From Panama: Daily, 7:05 a. m.; 1:10 p. m.; 5 p. m.; 7:55 p. m.

The time required for passage from one termination of the control of the con

Binders for The Panama Canal Record

Cardboard covers, punched and fitted with brass fasteners forming binders for THE PANAMA CANAL RECORD are offered for sale at 25 cents a set, for the benefit of those who wish to keep a file of the issues for ready reference. Orders may be addressed to The Panama Canal, Balboa Heights, Canal Zone, or The Panama Canal, Washington, D. C.

THE PANAMA CANAL RECORD



Volume XXXIII

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Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Balboa Heights, C. Z., October 15, 1939

Traffic Through the Panama Canal in September 1939

No. 3

The total vessels of all kinds transiting the Panama Canal during the month of September 1939, and for the same month in the two preceding years, are shown in the following tabulation:

	S	eptember 193	* September		
	Atlantic to Pacific	Pacifie to Atlantie	Total	1938	1937
Ocean-going commercial traffic Small commercial vessels ¹ . Noncommercial vessels:	220 35	237 35	457 70	438 63	444 79
United States Government Colombian Government For repairs.	18 1 2	16	34 1 3	46	28 1 5
Total	276	289	565	549	557

¹ Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC 2

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the 12-month period ended September 30, 1939, as compared with the 12-month period ended September 30, 1938:

Month	No. of vessels			Canal net nage	Tons	of cargo	Tolls		
	1938-9	1937-8	1938-9 3	1937-8 4	1938-9	1937-8	1938-9	1937-8	
October November December January February March April May June July August September	494 505 509 525 501 553 496 506 479 485 490 457	461 435 439 444 436 506 487 465 445 429 468 438	2,276,194 2,302,333 2,336,011 2,380,916 2,282,318 2,586,580 2,278,326 2,341,894 2,268,679 2,254,398 2,247,009 2,119,418	2,182,000 2,110,000 2,070,000 2,053,000 1,993,000 32,311,526 32,258,S36 32,150,228 32,064,793 31,933,816 32,177,699 32,005,241	2,359,673 2,223,830 2,374,395 2,393,360 2,206,963 2,664,068 2,472,504 2,538,949 2,437,087 2,317,697 2,385,039 2,445,700	2,438,788 2,185,283 2,046,170 2,095,402 1,998,827 2,268,548 2,279,235 2,309,171 2,122,389 2,025,660 2,171,674 1,998,464	\$1,977,706.76 1,984,014.72 2,031,017.04 2,062,454.16 1,996,735.66 2,252,156.28 1,999,851.16 2,053,502.1 1,977,431.94 1,974.380.72 1,994,776.48	\$1,981,087.87 1,893,462.00 1,845,048.20 1,837,894.72 1,786,611.45 2,015,585.34 1,961,456.58 1,886,825.66 1,801,291.78 1,694,205.00 1,800,050.74 1,741,895.46	
Total .	6,000	5,453	27,674,076	25,310,139	28,819,265	25,939,611	24,129,601.30	22,335,414.80	

² Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

³ Panama Canal net tonnage as figured under rules which became effective March 1, 1938.
 ⁴ Estimated tonnage under rules which became effective March 1, 1938.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of September 1939. These vessels, although paying tolls, are omitted from the statements concerning ocean-going traffic.

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantie to Paeifie Paeific to Atlantic	35 35	1,553 1,590	\$1,243.44 1,370.34	766 1,380
Total	70	3,143	2,613.78	2,146

Traffic by Nationality of Vessels 5 for September 1939

Chilean 2 Danish 16 Egyptian 2 French 5 Greek 11 Honduran 6 Italian 2 Japanese 24 Netherland 30	571,722 10,029 60,428 8,044 20,577 53,028	\$502,405.50 9,026.10 52,800.48 6,486.66 18,519.30 45,282.96	606,422 2,819 57,960 7,350 21,609 64,966
Greek 11 Honduran 6 Italian 2 Japanese 24 Netherland 30	53,028		64,966
Netherland	9,729 12,687 145,414	8,756.10 11,418.30 129,567.60	7,117 10,248 161,852
Panamanian 22 Philippine 1	77,244 235,212 50,580 4,805	68,334.84 198,592.92 40,414.86 4,324.50	75,427 242,929 33,370 8,427
Soviet 1 Swedish 11	3,358 47,208 796,658 12,695	3,022.20 40,908.96 704,287.44 11,425.50	$ \begin{array}{r} 3,922\\ 85,651\\ 1,034,073\\ 21,558\\ \hline 2,445,700 \end{array} $

 $^{^5}$ Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. 6 Includes 2 naval vessels of 3,030 displacement tons.

Traffic by Trade Routes for September 1939

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo is frequently laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

	A	tlantic to P	acific		Pacific to At	lantic
Trade route	No.	Panama	Tons	No.	Panama	Tons
	of	Canal net	of	of	Canal net	of
	ships	tonnage	cargo	ships	tonnage	cargo
United States intercoastal	58	290,790	245,140	62	307,443	496,575
East coast United States and:			210,110	-		100,010
Canada	2	10,157	3,054	4	18,074	31,790
Central America/Mexico.	4	6,459	8,748	4	6,413	172
South America	16	59,730	20,572	19	81,264	215,566
Hawaiian Islands	3	15,339	12,449	6	27,848	48,691
Australasia	5	31,675	19,957			
Philippine Islands	6	32,099	29,272	10	56,660	65,107
Far East	23	117,632	179,444	4	22,058	27,798
Canada intercoastal	3	13,386	12,826	1	5,324	7,800
East coast Canada and:		4.000				
South America	1	4,359	14 071		00.005	07 010
Australasia	3 1	14,989 6.379	14,071 7,129	6	30,335	37,918
Far East South America intercoastal	4	8,543	15,393	1	7,838	
East coast South America and:	4	8,040	10,090	1	1,505	
United States.	2	10,607	2,174		[l
Canada	ĩ	3,800	2,300			
Philippines.	-	0,000	2,000	1	5,354	5,613
Far East	3	18,984	12,449	•	0,001	0,010
Cristobal and:		20,002	,			
United States				1	6,037	9,205
United States Central America/Mexico	4	2,806	2,465	5	4,422	2,927
South America	12	9,923	5,833	16	8,673	7,380
West Indies and:						
United States	6	29,074		6	38,617	73,618
South America	5	25,015	20,984			
Europe and:						4 7 000
United States	6	30,220	07.01	3	13,590	17,320
Canada	24	119,479	27,917	48 22	250,861	393,036
South America	14	75,335	30,885	1	105,801 3,693	174,170 5,817
Hawaiian Islands Anstralasia	6	44,315	30,178	8	53.866	57.086
Far East	4	21,020	15.860	3	16.348	19,816
Egypt and South America	- 4	21,020	10,000	1	3,861	7,350
Africa and:					3,301	1,000
United States.	1	5,180				
		0,200		1	3,169	4.635
Around the world	2	14,646	10,428	1	6,543	6,782
Vessels not engaged in commerce		_,,,,,,,,		7 2		
Foreign vessels in ballast (United States intercoastal).	1	6,135		1	7,250	

⁷ Naval vessels.

Origin and Destination of Cargo by Major Areas, September 1939

The following table summarizes the origin of cargo passing through the Canal in September 1939, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

	Tons of cargo destined for—						
Origiu	United States	Other North America	Asia	South America	Austral- asia	Total	
North America: United States. Other North America. Europe. Miscellaneous. Total.	251,382 1,367 15,730 3,482 271,961	27,245 18,944 5,584 2,308	222,182 6,797 5,439 11,722 246,140	19,540 39,103 19,411 15,147 93,201	24,253 14,071 25,821 64,145	544,602 80,282 71,985 32,659 729,528	

PACIFIC TO ATLANTIC

Origin	United States	Other North America	Europe	Miscel- laneous	Total
North America: United States. Canada Other North America South America Australasia Asia	488,952 35,690 63,290 212,303 2,506 78,097	92,671 4,143 3,081 18,490 35,412 6,121	132,506 278,826 4,017 166,797 57,086 17,184	8,586 2,709 7,435	722,715 321,368 70,388 405,025 95,004 101,672
Total	880,838	159,918	656,416	19,000	1,716,172

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either in September 1939 or September 1938, are listed below:

0 "	Septe:	mber	Commodity	Septe	mber
Commodity	1939	1938	Commodity	1939	1938
Atlantic to Pacific Automobiles and parts Canned food products Cement Cotton, raw Iron and steel Machinery Manufactured goods (unclassified) Metals, various Oils, mineral Paper Phosphates Serap metal Sulphur Tinplate Pacific to Atlantic Asphalt and tar Barley Barley Aspares	11,664 18,854 9,511 11,402 156,884 14,056 22,368 15,346 78,775 29,730 17,438 83,380 16,830 11,254	15,255 14,427 11,338 22,932 96,182 8,625 17,417 52,326 88,536 25,024 2,244 13,104 19,889 9,488	Pacific to Atlantic—Continued Beans, edible, dry Canned food products. Coffee Cold storage (food products) *. Fruit, dried Fruit, fresh * Guano Lumber Metals, various Nitrate Oils, mineral Ores Phosphate Sugar Wheat Wood pulp	12,925 162,598 9,669 21,169 7,904 29,953 8,231 419,604 50,949 124,844 219,926 213,228 23,380 141,569 80,771 23,242	10,13 136,47 11,51 28,80 15,93 31,21 22,98 17,10 225,42 47,50 90,09 90,09 115,58 82,16 12,19

⁸ Does not include fresh fruit.

Commodities in Detail

The following statements lists all commodities passing through the Canal during the month of September 1939, as reported in the cargo declarations showing the movement by direction, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise, but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

⁹ Except bananas.

Comm. Nav.		States coastal	Total for all trade routes including U. S. intercoastal	
Commodity	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
ircraft and parts gricultural implements. Italia meal mmonium compounds missel feed 10	506		13	43
Ifalfa meal.		340	3,045	50
mmonium compounds	126 77	393	4,556 120	40
nimal foods 10 . pparel, wearing (hats, shoes, clothing, etc.)	50 772		58 4,926	
sbestos sphalt and tar utomobiles (and autotrucks) utomobile parts and accessories ags and bagging, textile amboo and products ananas arks, miscellaneous arks, miscellaneous eriey eer, conalcoholic, lood and tankage	169	10,981	5,241	11,26
utomobile parts and accessories.	507 882	13 51	5,566 6,098	29
ags and bagging, textile	30	18	188	
ananas				1,37
arks, miscellaneous.		13 99		30 17,35
eans, edible, dry	30	8,926	8 211	12,9
everages, nonalcoholic	127		127	
lood and tankage ones and bone meal ooks and printed matter			24 203	1(
ooks and printed matter		94 524	3 433	4,3
oraxran and pollards	117	524	167	1,3,
ricks and tile amphor, crude. anned and preserved goods:	238		1,245	
anned and preserved goods:	309	14 170	605	
Fish. Fruit. Meat.	1,438	14,176 41,704	1,581	$\frac{26,19}{107,49}$
MeatMilk	271 80	37 317	453 760	3
Milk. Soup. Vegetables. Miscellaneous and unclassified	7,476		7,641	
Vegetables. Miscellaneous and unclassified	381 5,242	12,986 13,973	404 7,410	13,1 15,0
arbon black		76	88	
ement	711	23	9,511	
harcoal	95	27	871 163	
themicals 10.	5,390 653	$1,748 \\ 265$	9,306 1,900	2,6
lay, filtering		122		2
elite ement ement halk harcool hemicals ¹⁰ lay, china and fire lay, filtering cal occo and cacao beans occonuts and products ¹⁰ offee	719 235	57	9,082 439	7
oconuts and products 10	183 422	973 83	277 3,217	2,4 9,6
okeold storage and refrigerated products:	331		7,847	
Dairy products.	12	41	243	5,3
Dury products. Eggs Fish Lard	128		172	2 5
Lard	621		942	
Meats Poultry Vegetables Other and unclassified	10		66	14,4
Vegetables. Other and unclassified	86 345	96	101 371	3
ontectionerv	972	12	1,050	
opraopra meal and cake		12		3,2
orn otton, raw recosote tressets the state of the state o	900	449	2,036 11,402	9.4
reosote	23		23 2,250	
rugs and medicines. lyes. arthenware.	1,726	122	28	
are dried	95		159	1
lectrical apparatus and appliances.	1,982	228	3,858	3
xplosives.	$\frac{1,069}{217}$		1,690 232	
xtract, quebracho	25	496	2,606 946	7
ish, salted or dry-cured.		490	940	
namel and metalware xylosives xtract, quebracho ertilizers ¹⁰ ish, salted or dry-cured ish meal loor coverings lour ruit, dried ruit, fresh ¹⁰ urniture and household goods eneral	2,509	794	2,990	6 1,1
lour	51 44	6,912 16,186	3,264 53	1,1 7,9 29,9
ruit, fresh 10	78	2,623	101	8,2
urniture and household goods. eneral. lass and glassware.	533 17,613	49 4,471	534 42,163	11,3
	1,682	33	3,562	3

a li	United intere	States oastal	Total for routes in U. S. int	
Commodity	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantie
Grains 10. Groceries. Guano.	30 2,033	1,821	148 2,893 13	390 2,089
Gums. Hair all kinds	67	60	45 67	220 43
Hay, unmanufactured. Hemp, unmanufactured. Horns and hoofs	80	193	117	$\begin{array}{c} 153 \\ 1,835 \\ 322 \end{array}$
Influsorial earth	00.000	741		1,098
pipe, etc.) Ivory nuts Jute, unmanufactured. Lard substitute. Lime	93,600	249	156,884 30 13	413 1,071
Lard substitute. Lime. Liquors. Lumber (including manufactured mill products).	130	175	487 159 5,646	179
Lumber (including manufactured mill products). Machinery. Malt. Manufactured goods.	3,704 3,164 2,712	168,070 974	6,086 14,056 77	419,604 2,765
Marble and granite	15,554 42 488	368	22,368 177 538	1,128
Metals:	964	4,951	3,162 12	30,641 37
Gold and silver Iron Lead Tin	1,692 100 41	732 231	5,887 325 83	13,044 658
Zine. Other and unclassified. Milk, powdered. Molasses and syrups.	1,017	29 107 264	1,112 4,765	6,009 560 501
Molasses and syrups. Nitrate. Nuts, edible (including meats).	733 108 49	153	1,023 3,407 147	11 124,844 1,186
Oils, mineral:	388	128 42,552	403 15,014	62,016
Crude. Gas and fuel Gasoline, benzine, and naphtha. Kerosene	56 11	22,073 32,483 8,700	24,079 11,215 159	56,993 53,251 46,731
Kerosene Lubricating and greases. Other and unclassified. Oils, vegetable:	9,400	590	28,270 38	887 48
Coconut. Linseed Olive	22	51	419 18	5,324
Peanut. Wood Other and unclassified	101 212	12 25	164 252	800 299 2,999
Oil, fish Oilseeds (cotton, flax, hemp, sesame, rapsecd, etc.) Oilseed cake and meal Ores:	131 45 562	93	1,054 564	3,104 2,963
Antimony		17		472 2,000
Copper Gold and silver Iron,		1,172	120	5,829 1,798 172,570 1,288
Lead Magnesite Manganese		974 13	632	733
Tin. Zinc. Other and unclassified.	59	48	2,641	1,531 5,150 20,580
Paints and varnishes. Paper and paper products 10. Peanuts.	2,091 12,465 287	104 6,676	3,613 29,730 287	203 7,856 855
Peas, dry. Peatmoss Phosphates Plaster	244	326 673	207 17,438	452
Porcelainware Potash	136	103 9,821	288 341	1,974 9,821
Rags and waste Railroad material Rice	1,595 541	86	1,978 6,417 541	5,820
Rope and twine. Rosin.	1,388	54 17	181 3,440	124 17

¹⁰ Except as otherwise classified.

Q Viv	United intere		Total for routes in U. S. int	cluding
Commodity	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rubber: Manufactured. Raw Scrap Salt Sand. Seap metal Seeds (except oilseeds) Shells, oyster. Silk, raw Skins and hides Slag. Slate. Soaps and products. Soaps and products. Soda and sodium compounds: Soda ash Soda, caustic Miscellaneous and unclassified. Soy beans Spices. Sugar Sulphur Tale Tallow Tea. Textiles '1 Tinplate. Tobacco and manufactures Toilet preparations Turpentine. Vegetables, dry ¹⁰ Wall board. War, paraffin Wheat Wines. Wood pulp			Pacific 1,780 125 1,822 3,884 1,740 83,380 708 955 29 387 670 2,924 3,852 2,658 2,159 1,617 625 456 9,951 16,830 81 107 7,494 11,254 4445 479 543 3 1855 2,090 908 691 2,989	
Total, September 1939.	251,382	488,952	729,528	1,716,172
Total, September 1938	175,597	350,312	592,875	1,405,589
Total, September 1937	200,108	417,564	890,103	1,495,039

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of September 1939:

		Atlantic to Pa	eific		Pacific to Atlantic			
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo		
United States intercoastal East coast United States and Far East Canada intercoastal East coast Canada and South America	8 1 1 1	49,984 7,250 3,698 4,359	12,496 136,981		69,440			
East coast South America and west coast United States. South America intercoastal Cristobal and United States. West Indies and:	1 1	6,183 7,124	13,794	1 1	7,838 6,037	9,205		
United States. South America Europe and South America	$\begin{smallmatrix}6\\3\\2\end{smallmatrix}$	29,074 16,915 12,915	18,857	6	38,617 15,720	73,618		
Total	24	137,502	52,128	22	137,652	230,510		

¹² Includes 600 tons alcohol and 10,955 tons asphalt.

¹⁰ Except as otherwise classified. 11 Cotton, silk, wool, rayon goods.

¹³ Creosote.

Comparison of Canal Traffic in September 1939, with September Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

	1	Month of Septe	mber		Average	e per month fo	r fiseal year
Calendar year	No. of transits	Panama Canal net tonnage	Tons of cargo	Fiscal year	No. of transits	Panama Canal net tonnage	Tons of cargo
1914 14 1915	53 98 149 174 173 168 247 216 321 380 431 524 482 502 446 385 385 385 435 431 444 444 444 448 448	(000 omitted) 201 323 465 527 483 542 932 855 990 1,891 1,827 1,693 2,021 2,341 2,122 2,241 2,139 1,914 1,727 1,938 2,157 1,938 2,140 2,005 2,140 2,005 2,119	(000 omitted) 323 464 644 723 547 638 1,009 754 648 2,112 1,881 2,238 2,396 2,312 2,431 2,431 2,152 658 1,753 1,345 1,795 2,142 1,994 2,526 2,385 1,998 2,446	1915 15 1916 1917 1918 1919 1920 1921 1922 1924 1925 1926 1927 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1938 1938 1939 (9 mos. cal. yr. 1939)	100 60 145 165 162 199 232 222 225 429 382 424 441 521 524 47 364 347 436 432 449 470 460 492	(000 omitted) 334 184 447 506 472 659 879 880 1,434 2,016 1,761 1,909 2,020 2,269 2,299 2,310 2,140 1,820 1,758 2,201 2,143 2,160 2,239 2,163 2,269	(000 omitted) 406 258 588 627 576 781 966 907 1,631 2,249 1,996 2,169 2,311 2,468 2,554 2,502 2,089 1,530 1,513 2,059 2,109 2,209 2,342 2,202 2,342 2,202 2,342

¹⁴ Canal opened August 15, 1914.

Terminal Activities

Ships repaired during the month of September 1939, numbered 84. Vessels released from drydock numbered 17. Fuel oil amounting to 356,113 barrels was delivered as bunkers to 148 commercial vessels. Bunker coal amounting to 10,728 tons was delivered to 24 commercial ships. Sales of commissary supplies to ships aggregated \$51,248.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving tons Local cargo shipped tons Cargo received for transshipment tons Cargo transshipped tons		7,394 1,357 1,322 1,152	35,903 3,332 46,374 41,676
"Canal Zone for Orders" eargo: Number of receipts issued. Number of releases issued. Tons received. Tons withdrawn.	45	3 6 12 5	9 51 187 57

All Vessels Entering and Clearing Port

		Port of Cris	tobal	Port of Balboa			
	No.	Registered	Registered	No.	Registered	Registered	
	of	gross	net	of	gross	net	
	ships	tonnage	tonnage	ships	tonnage	tonnage	
Ships entering All vessels, including those transiting Canal. Vessels entering port but not transiting Canal. Vessels transiting Canal and handling passengers and cargo at terminal ports.	516	3,035,295	1,808,800	473	2,791,300	1,681,481	
	55	288,760	154,046	9	46,433	27,728	
	125	746,243	441,921	96	665,932	398,687	
Ships clearing All vessels, including those transiting Canal. Vessels clearing port but not transiting Canal Vessels transiting Canal and handling passengers and cargo at terminal ports	513	3,070,048	1,827,501	480	2,827,623	1,705,000	
	54	301,635	160,669	9	40,778	25,526	
	126	781,803	462,976	97	668,654	400,449	

¹⁵ Average for 101 months.

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight September 10, 1939, to midnight October 10, 1939. Figures after names of vessels show, respectively, tons discharged and tons

CRISTORAL

Antigua, 23, 219 Santa Elena, 133, 685 Sakito Maru, 71, 0 Sakito Maru, 71, 0 Draco, 4, 415 Douro, 588, 415 Drechtdijk, 150, 198 Cefalu, 643, 297 Potter, 141, 0 Potter, 141, 0
Norman Star, 109, 0
San Francisco, 569, 13
Real, 0, 32
Platano, 873, 4
Santa Maria, 406, 340
Maeabi, 0, 239
Cristobal, 2,341, 662
Cadmus, 21½, 672
Nankai Maru, 148, 89
Uffington Court, 1,057, 0
San Angelo, 1,405, 30 San Angelo, 1,405, 30 Jamaica, 111, 272 Jammica, 111, 272
Copiapo, 65, 84
Imperial, 1,400, 293
Acajutla, 143, 460
Costa Rica, 34, 13
Santa Inez, 280, 104
Santa Marta, 461, 103
Veragua, 271, 381
Clio, 582, 22
Colombia, 471, 348
Bodegraven, 90, 3,370
Marragret Ichnson 401. San Edine, 218, 0
Damsterdijk, 19, 214
Prusia, 0, 859
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Damsterdijk, 1 Bodegraven, 90, 3,370 Canada, 0, 26 Telde, 170¼, 534 Ino, 260, 249 Nero, 55, 432 Maui, 381, 0

West Chatala, 896, 155 Esso Copenhagen, 910, San Pablo, 479, $\frac{1}{2}$ San Clemente, 380, 0 0 Besholt. 270. 0 San Cemente, 380, 0
Rafaela, 3,704, 0
Istmo, 0, 52
Talamanca, 36, 173
Santa Rosa, 103, 1,111
Santa Rosa, 103, 1,111
Santa Rosa, 103, 1,111
Santon, 0, 52
Simon Bolivar, Hulda Maersk, 548,137
Douro, 566, 38 Musa, 963, 257 Francis R. Hart, 4,687,0 Canada, 199, 127

Nuevo Panama, 0, 202 Kaipara, 75, 0 Simon Bolivar, 85, 41 Douro, 566, 385 Baarn, 215, 0 Brandanger, 57, 0 Tai Ping, 928, 0 Arizona, 428, 38

Manoeran, 459, 0 Balboa, 96, 221 Quirigua, 108, 221 Santa Paula, 80, 171 Margaret Lykes, 1,795, 183 Cefalu, 725,

> Alaska, 1,683, 0 Santa Lucia, 712, 11 Lara, 265, 157 Salvador, 370, 280 Clio, 583, 622 Platano, 1,500, 184 lbs.

Margaret Johnson, 491, San Felipe, 218, 0 607 Antigua, 63, 2001 Merchant, 302, 0 City of San Francisco, Yamazuki Maru, 1,190, 291, 0 Orduna, 168, 133 Telde, 703, 822

Besholt, 270, 0 Sixaola, 853, 149 Firmore, 12,043, 0 Orotava, 12, 292 Draco, 246, 539 Rufina, 4,127, 0 K.R.Kingsbury, 12,985, Arminda, 312, 56 Colombia, 1,090, 497 Nero, 38, 190 Breda, 449, 2,677 Jamaica, 40, 546 Commissaire Ramel, 5. Santa Elena, 222, 349 West Camargo, 80, 412 Nagara Maru, 747, 83 Marchen Maersk, 1,015, 195 Rialto, 130, 1

Contessa, 1,286, 356 Musa, 1,094, 0 Samuel Bakke, 25, 419 Pereira, 458, 664 Santa Barbara, 473, 2 Olancho, 430, 296 City of Norfolk, 595, 0 Utacarbon, 5,854, 0 Cristobal, 4,349, 828 Unicoi, 198, 0 Tampa, 77, 0 Talamanca, 259, 340¹/₂ Santos, 0, 220

Francis R.Hart, 10,441 Clio, 515, 194 Cadmus, 38, 50 Santa Rita, 245, 24 Carrillo, 657, 510 Carrillo, 657, 510
San Diego, 76, 1
Simon Bolivar, ½, 737
Rita, 3,597, 0
Colombia, 523, 340
Kiyosumi Maru, 472, 0 De la Salle, 99, 1,681 Santore, 11,850, 0 Virgilio, 73, 0 Terukawa Maru, 1,348, ดก Nero, 238, 437 Buenos Aires, 58, 218 Douro, 548, 335 Ino, 595, 347½

Lochkatrine, 97. Lochkatrine, 97, 133 Veragua, 3½, 700 Santa Rosa, 254, 830 Santa Inez, 218, 0 Macabi, 0, 689 Sambu, 0, 137 Acajutla, 198, 0 efalu, 991, 329 Rufina, 4,038, 0 Benjamin Franklin, 17,

BALBOA

Vega, 7, 0
Ludington, 723, 11
Cymbula, 7,092, 0
Rangitata, 74, 8
Pereira, 0, 60
Santa Maria, 2, 10
Esso Panama, 2,222, 0
Heiyo Maru, 0, 4

Santa Inez, 91, 0
City of Los Angeles, 543, 0
543, 0
Chickasau City, 1,195, Chiyof Baltimore, 0, 1
University of Los Angeles, 543, 0
Chickasau City, 1,195, Chiyof Baltimore, 0, 1
University of Los Angeles, 543, 0
Chickasau City, 1,195, Chiyof Baltimore, 0, 1
University of Los Angeles, 543, 0
Chickasau City, 1,195, Chiyof Los Angeles, 643, 0
Chickasau City, 1,195, Chiyof Los Angeles, 1,195, 1,195, Chiyof Los Angeles, 1,195 Ciss, 0, 2

Kewanee, 1,340, 0 Kewanee, 1,340, 0 Santa Lucia, 28, 1 City of San Francisco, 226, 0 Santa Maria, 238, 0 Cathwood, 101, 0 British Columbia, Express, 17, 0

Marchen Maersk, 199, 7 Istmo, 22, 0 Hunter Liggett, 800,73 Santa Rita, 163, 2 Pyro, 6, 0 Benjamin Franklin, 60, Acaiutla, 250, 0

Note.—Figures shown represent short tons of 2,000 pounds.

Passengers

During September 1939, ocean ship passengers debarking at Cristobal numbered 3,044, embarking 1,991; at Balboa, 1,440 debarking, 639 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 5,039; from Pacific to the Atlantic 2,464. Commercial aircraft numbering 55 entered Cristobal with 353 passengers debarking; clearances were 55 with 359 passengers embarking. Balboa entries of aircraft numbered 52, with 161 passengers debarking; clearances were 52, with 121 passengers embarking.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, \$1.10 per barrel at Cristobal and Balboa; Diesel oil, \$1.75 per barrel at Cristobal and Balboa.

Movements of Ocean Vessels Through the Panama Canal From midnight September 10, 1939, to midnight October 10, 1939

ATLANTIC TO PACIFIC

ATLANTIC TO PACIFIC									
	rived	eared	Nation-	Line	Po	ort	Cargo		
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long	
Ludington 8	7 7	12	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	Supplies	6,095	
Colombia 2		11	Pan	U. S. Army Elliot Ship. & Land Co.	New York, N. Y. Cristobal, C. Z Albany, N. Y	B'ventura, Col	General	730 4,083	
Wind Rush Port Chalmers 2	10 10	11 11	Amer Brit	Shepard S. S. Co	London, England	Tacoma, Wash Bluff, N. Z	General	3,601	
Ewa	10	ii	Amer.	Port Line, Ltd Matson Nav. Co	Philadelphia, Pa.		Gen.,tinplate	4.522	
Alahaman	10	11	Amer.	AmerHawaiian Line.	Philadelphia, Pa. New York, N. Y. Baltimore, Md	Seattle, Wash Seattle, Wash	General	4,575	
Calmar Port Huon ² Porto Bello ³	10 10	11 11	Amer Brit	Calmar Line Port Line, Ltd	Liverpool, Eng	N. Plym'th, N. Z.	Gen., steel General	7,743	
Porto Bello 3	11	11	Pan	A. Tagaropulos	Cristobal, C. Z.	Real, R. P Seattle, Wash	General	3	
Heffron	11	12	Amer.	Weyerhaeuser S. S. Co	Liverpool, Eng. Cristobal, C. Z. Bridgep't, Conn. Cristobal, C. Z.	Seattle, Wash	General	6,814	
Point Clear	10 11	12 12	Pan Amer	E. Obarrio		Balboa, C. Z Tacoma, Wash	Ballast (13)	5,544	
Pereira	7	12	Pan	Grace Line	Cristobal, C. Z.	Champ ico, Guat.	General	429	
Chincha	11 11	12 12	Amer	AmerS. African Line Isthmian S. S. Lines.	New York, N. Y.	Los Angeles, Cal.	Steel, gen	5,129 8,480	
Knoxville City	11	12	Amer	AmerHawaiian Line.	Cristobal, C. Z. New York, N. Y. Baltimore, Md Baltimore, Md	Neth. E. Indies Scattle, Wash	General	5,036	
Coloradan Torvanger	12	12	Nor	Mitsui Co		Yokohama, Japan	(14) Pellest	9,411	
Blairclova Sambu ²	12 9	12 12	Brit Pan	George Nisbet & Co Elliot Ship, & Land Co.	Cristobal, C. Z	Vancouver, B. C. David, R. P.	Ballast General	27	
Douro ² . Draco ² . Llanberis ² .	11	13	Neth	Royal Neth. S. S. Co. Royal Neth. S. S. Co.	Manchester, Eng. Cristobal, C. Z. Cristobal, C. Z. Curacao, N. W. I.	Guayaquil, Ecua.	General	378	
Draco 2	11	13	Neth	Royal Neth. S. S. Co. Andrew Weir & Co	Curacao, N. W. I. Nova Scotia	Callao, Peru Anekland, N. Z.	General Newsprint	377 5,000	
Norman Star	11 12	13 13	Brit	Blue Star Line	London, England	Los Angeles, Cal.	Ballast		
Herborg ¹ ² City of Canberra.	12	13	Nor	Anglo-Saxon Pet. Co.	London, England Curacao, N. W. I.	Los Angeles, Cal.	Ballast	4,911	
City of Canberra.	12 12	13 13	Brit Neth	AmerAustralian Line N. Pac, Coast Service	Liverpool, Eng	Fremantle, Aust. Victoria, B. C Panama, R. P Balboa, C. Z	General	1,972	
Drechtdijk 2 Chiriqui 2	7	13	Pan	Elliot Ship. & Land Co.	Rotterdam, Neth. Cristobal, C. Z Cristobal, C. Z	Panama, R. P	Ballast		
Chiriqui ² Pirre ²	7 12 12	13	Pan	Elliot Ship. & Land Co.	Criscobal, C. Z.	Balboa, C. Z.	Ballast General	5.038	
San Francisco	12 13	14	Fr Pan	French Line United Fruit Co	Havre, France Boston, Mass	Vancouver, B. C. Puntarenas, C. R.	General	2,924	
Macabi Sofie Bakke 2	13	14	Nor	Knut Knutsen	Stavanger, Nor Antwerp, Belgium	Vancouver, B. C. Vancouver, B. C.	Ballast		
Pegasus	14	14	Greek.	G. N. Loulandis	Antwerp, Belgium	Vancouver, B. C. Seattle, Wash	Ballast Gen., steel	5,235	
Point Calcta Cape Clear 2	14 14	14 14	Amer Brit	Swayne & Hoyt Lyle Shipping Co	Houston, Tex Cardiff, Wales	Vancouver, B. C.	Ballast		
Georgian	14	14	Amer	AmerHawaiian Line.	Philadelphia, Pa. Cristobal, C. Z.	Seattle, Wash Balboa, C. Z	Ballast General	3,860	
General Wm. M. Graham. 11	2		Amer	U. S. Army	Cristobal, C. Z.	Balboa, C. Z	Tow. barge		
Real 2	12	14	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	General	20	
Real ²	14	14	Amer Chile	Capt. Wm. Van Sielen Cia. Sud Amer. de Vap.	Cristobal, C. Z. Hamburg, Ger	Balboa, C. Z Valparaiso, Chile.	Ballast General	692	
Phemius	14	14	Brit	Alfred Holt & Co	Baltimore, Md	Shanghai, China.	Cotton, gen.	3,496	
Alaskan	14	14	Amer	AmerHawaiian Line.	Boston, Mass Bridgep't, Conn	Seattle, Wash	General	3,895	
Kentuckian Willmoto 2	14 14	14	Amer	AmerHawaiian Line.	Baltimore, Md	Portland, Oreg Portland, Oreg	General Ballast	2,640	
Orotava	14	14	Hond	Arrow Line United Fruit Co	New Orleans, La.	La Union, Salv	Gen., pipes	2,238	
Istmo	14		Pan	Elliot Ship. & Land Co.	Cartagena, Col. Rotterdam, Neth. New York, N. Y.	B'ventura, Col Los Angeles, Cal.	Ballast	753	
Moldanger 2 Santa Inez 2	15 15	15 16	Nor Amer	Grace Linc	New York, N. Y.	Chanaral, Chile	General	3,105	
San Angelo	14	16	Amer	Uniaker Line	Jacksonville, Fla.	Chanaral, Chile Portland, Oreg Vancouver, B. C.	General	4,930	
Pacific Shipper 2	15 15	16 16	Brit	Calmar Line	Jacksonville, Fla. Manchester, Eng. Baltimore, Md	Seattle, Wash	General Gen., steel	674 4,350	
Oremar	15	16	Jap	Furness, Withy & Co. Calmar Line Nippon Yusen Kaisha	Boston, Mass Barry, England New York, N. Y.	Moji, Japan	Steel, oil		
Mersington Court Cities Service	15 15	16 16	Brit	Chile Nit. Sales Corp. Cities Service Corp	New York N V	Chile	Ballast Ballast		
Denver. 1			Į	_					
Star of Suez Forbes Hauptman	15 15	17 16	Egypt.	Chile Nit. Sales Corp. McCormick S. S. Co.	Barry, England.	Chile	Ballast General	4,431	
President Garfield	16	16	Amer	AmerPresident Lines	Philadelphia, Pa. New York, N. Y. Curacao, N. W. I. New York, N. Y. Demerara, B.Gui.	Round the world Richmond, Calif.	Gen., mach	5,030	
H. D. Collier 1	15	16	Amer	Standard Oil of Cal	Curação, N. W. I.	Richmond, Calif.	Ballast	615	
Leonard Wood 8 Oakworth 2	15 16	17 17	Amer Brit	U. S. Army Canadian Transp. Co.	New York, N. Y.	S. Francisco, Cal. Vancouver, B. C.	General Sugar	2,300	
Helga	16	17	Dan	J. Lauritzen		Talcahuano.Chile	Sugar General	1,792	
Lewis Luckenbach	16	17	Amer.	Luckenbach Linc	Providence, R. I. Cristobal, C. Z. Cristobal, C. Z.	Seattle, Wash Gatun, C. Z	General Ballast	7,404	
Ruby 5	15	17	Amer	U. S. Army Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col	General.	425	
Pennsylvania	16	17	Amer	Weyerbaeuser S.S. Co.	New York, N. Y.	S Francisco, Cal.	Steel, oil General	5,138	
Akaroa Antioquia ⁹	17	18	Brit Colom.	Shaw, Savill & Albion Colombian Govt	London, England Cartagena, Col	Wellington, N. Z. Balboa, C. Z	Drydocking.	5,700	
El Mirlo 1 2	17 17		Brit	C. T. Bowring & Co	Birkenhead, Eng.	Peru S. Francisco, Cal.	Ballast		
City of Baltimore Kinai Maru ²	17	17	Amer.	Panama-Pacific Line.	Birkenhead, Eng. New York, N. Y.	S. Francisco, Cal.	General	5,033 7,507	
Marconi 2	17 17	17 17	Jap Pan	Osaka Syosen Kaisya D. Campodonico	London, England Cispata, Colom	Dairen, China Aguadulce, R. P.	Cattle	60	
Sona 2	16	17	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Aguadulce, R. P. Balboa, C. Z Balboa, C. Z	Cattle Ballast		
Pirre 2	16	17	Pan Pan	Elliot Ship. & Land Co. Frank Scott	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	Gatun, C. Z	Ballast		
Tip 5			ran	Frank Scott	Clistonal, C. L.	Gatun, C. Z.		20.01	

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ⁸ Transport. ⁹ Destroyer. ¹¹ Mine planter. ¹³ Steel, pipe, general. ¹⁴ Iron, tin, scrap, etc. ¹⁵ Salt, oil, general. ¹⁵ General, scrap tin, etc.

				AILANIIC TO TAC				
	rrived	Date eleared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date e	ality	(Charterer or operator)	From—	For—	Nature	Long tons
S-42 7 S-45 7 S-46 7 S-47 7 Mallard 10 Imperial 2 Ino 2 Pennsylvania Sun. 1 2	• • •	18 18 18 18 18 18	Amer Amer Amer Amer Chile Neth Amer	U. S. Navy. U. S. Navy. U. S. Navy. U. S. Navy. U. S. Navy. U. S. Navy. Sud Amer. de Vapores Royal Neth. S. S. Co. Sun Oil Co.	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Habana, Cuba Cristobal, C. Z Cristobal, C. Z Chester, Pa	Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Valparaiso, Chile. Guayaquil, Ecua. El Segundo, Calif.	Ballast Ballast Ballast Ballast Ballast General General Ballast	4,618 226
San Clemente Moveria ² Pericles ² Porto Bello ³ Kurama Maru ² Svealand ² Mussolini ² Suva Lena Luckenbach Tuyama Maru	17 18 18 18 18 18 17 18 18 18	18 18 18 19 19 19 19	Pan Jap Swed Pan Brit Amer.	Quaker Line Donaldson Line Royal Netb. S. S. Co. A. Tagarooulos. Kokusai Kisen Kaisha Ore S. S. Corp. E. Obarrio Carpenter Line Luckenbach Line Nippon Yusen Kaisha	New York, N. Y. Glasgow, Scot Curacao, N. W. I. Cristobal, C. Z New York, N. Y. Baltimore, Md Cristobal, C. Z London, England Houston, Tex New York, N. Y.	Tacoma, Wash Vancouver, B. C. Chile	General General Ballast Gen., cotton. Ballast Ballast. General General Coke, gen	3,834 723 9,103 3,500 5,809 8,830
New Orleans ² . U. S. Grant ³ . Acajutla Peter Maersk ² . Ebba ² . Asakasan Maru ² . Clio ² . Knute Nelson ² . Lossiebank ² .	19 18 14 19 19 19 19	20 20 20 20 19 20 20 20 20 20	Amer Brit Dan Pan Jap Neth	AmerPioneer Line. U. S. Army. Pacific Steam Nav. Co Maersk Line. H. Obarrio. Mitsui & Co. Royal Neth. S. S. Co. Fred Olsen & Co. Andrew Weir & Co.	Philadelphia, Pa. New York, N. Y. Cristobal, C. Z Boston, Mass. Cristobal, C. Z Philadelphia, Pa. Cartagena, Col. Oslo, Norway Boston, Mass.	Adelaide, Aust S. Francisco, Cal. Champ'ico, Guat. Manila, P. I. Balboa, C. Z. Tokuyama, Japan B'ventura, Col Vancouver, B. C. Shanghai, China.	General. General. General. General. General. Ballast General. Ballast General. Ballast.	4,825 298 459 6,243 7,720 317
Masunda Hagan ¹ Akatuki Maru ¹ ² Canada ² Fortuna ³ Sambu ² Real ²	19 20 20 20 19 19	20 20 20 20 20 20 20 20	Brit Amer Jap Swed Pan Pan Pan	Seaboard Ship. Co. Shell Oil Co. Nippon Kaiwa Kaisha Johnson Line A. Ferrari. Elliot Ship. & Land Co. Elliot Ship. & Land Co. E. J. Hooper.	Montreal, Canada New York, N. Y. Pt. Arthur, Tex Sweden Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	Vancouver, B. C. Los Angeles, Cal. Gensan, Japan Valparaiso, Chile. Balboa, C. Z Balboa, C. Z Balboa, C. Z Gatun, C. Z. ¹³	Ballast Ballast Crude oil Gen., paper. Ballast Ballast Ballast	12,496 8,091
Santa Clara S-43 7. Racer 2. Bodegraven. Chilore. Temple Mead. Yearby. Fjordaas 1 2. Eugenie Livanos. City of Glasgow.	19 15 18 20 20 20 21	21 21 21 21 21 21 21 22 22 22	Amer Amer Hond Neth Amer Brit Brit Nor Greek. Brit	Grace Line. U. S. Navy. Pacific R. R. Co. Royal Neth. S. S. Co. Ore S. S. Corp. Chile Nit. Sales Corp. Ropner Shipping Co. Eagle Oil & S. S. Co. L. I. Mach. & Equip. M. A. N. Z. Line.	New York, N. Y. Cristobal, C. Z. Pto. Cabezas, Nic. Hamburg, Ger. Baltimore, Md. Barry, England. Norfolk, Va. Curacao, N. W. I. New York, N. Y. Montreal, Canada	SanAntonio, Chile Balboa, C. Z. Corinto, Nie. Valparaiso, Chile. Cruz Gr'de, Chile Chile. Vancouver, B. C. Chile. Kamaishi, Japan. Auckland, N. Z.	General. Ballast Old rails. General. Ballast Ballast Ballast Oil. Serap iron General.	
King City. Connecticut ¹ . Malay ¹ Kinka Maru ² . Argentina Maru ² . W. R. Keever. Dorothy Luckenbach.	21 21 21 22 22 22 22 22	22 22 22 23 23 23 23 22	Brit Amer Jap Jap Amer Amer	Mitsubishi Line. The Texas Co. Shell Oil Co. Kokusai Kisen Kaisha Osaka Syosen Kaisya. Union Sulphur Co. Luckenbach Line.	Tampa, Fla Norfolk, Va New York, N. Y. Pt.Alfred, Canada Montevideo, Uru. New Orleans, La. Boston, Mass	Seikoshin, Japan. Los Angeles, Cal. Los Angeles, Cal. Kobe, Japan. Kobe, Japan. Everett, Wash. Scattle, Wash.	Phosphate. Ballast. Ballast. (15) General. Sulphur. General.	7,802 7,129 3,295 7,800 3,854
Texmar S-44 ⁷ . Damsterdijk ² . Mahimahi Margaret John- son. ² St. Mihiel ⁸ .	22 22 23 22 21	23 23 23 23	Amer Neth Amer	Calmar Line U. S. Navy Holland-Amer. Line Matson Nav. Co. Johnson Line U. S. Army	Baltimore, Md Cristobal, C. Z Rotterdam, Neth. Baltimore, Md Stockholm, Swed. Brooklyn, N. Y	Seattle, Wash Balboa, C. Z Vancouver, B. C. Hilo, T. H Seattle, Wash Balboa, C. Z	Steel, gen Ballast General Steel, gen Gen., paper. Supplies	2,975 807 2,798 2,379 683
City of Newport News. Mussolini 2 Hannington	24 22 23	24	Amer	Panama-Pacific Line. E. Obarrio Canadian Transp. Co.	New York, N. Y. Cristobal, C. Z. Montreal, Canada	S. Francisco, Cal. Balboa, C. Z	General Ballast	2,901
Court. 2 Ohioan	24 24 24 24 24 23 23	24 24 25 25	Nor Jap Amer	AmerHawaiian Line. Lago Shipping Co General S. S. Corp Nippon Yusen Kaisha U. S. Army. Standard Oil of N. J	Baltimore, Md S.Nicolas, N.W.I. Buenos Aires, Arg. Hamburg, Ger Cristobal, C. Z Aruba, N. W. I	Tacoma, Wash. Balboa, C. Z Vancouver, B. C. Yokohama, Japan Gatun, C. Z Talara, Peru	General. General. General. Ballast. Ballast.	1,565 2,174 4,431
Muncaster Castle ² Basilea ¹ ² Colombia ² Porto Bello ³ Douro ²	24 25 21 25 24	26 25 25 25 26	Nor Pan Pan	Barber Line	New York, N. Y. Ellesmere, Eng Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	Osaka, Japan Talara, Peru B'ventura, Col Real, R. P Puerto Bolivar	Scrap, gen Ballast General General General	640 3 428

Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ⁷ Submarine. ⁸ Transport. ¹⁰ Mine sweeper.
 ¹³ For bananas and return to Cristobal. ¹³ Oil, machinery, etc. ¹⁵ Oil, steel, general, etc.

	rived	cleared	Nation-	Line	Po	rt	Cargo	
Ship	Date arrived	Date cl	ality	(Charterer or operator)	From-	For—	Nature	Long
Arizona	$\frac{25}{26}$	26	Fr	French Line A. Tagaropulos	Havre, France Cristobal, C. Z	Valparaiso, Chile. Balboa, C. Z	Iron, gen Ballast	97 5
Leticia 3 Sally Maersk 2 Point Ancha	$\frac{26}{26}$	26	Pan Dan	A. P. Moller	Baltimore, Md	Etcn, Peru	Ballast	
Point Ancha	26	26	Amer	Swavne & Hoyt	Mary Orloans In	Etcn, Peru Seattle, Wash Champ'ico, Guat.	Ballast General	4,180
Ciss	19 26	26 27	Nor Neth	Grace Line	Curação N. W. I.	California	General	958
Ciss	26	27 28	Dan	Hasagawa Line	Cristobal, C. Z Curacao, N. W. I. Beaumont, Tex New York, N. Y. Baltimore, Md	Yokohama, Japan	Scrap iron	7,318
Sea Thrush	26 27	28	Amer	Grace Line	New York, N. Y.	Antof'gasta, Chile	Ballast	• • • • • •
Capillo	27 27	27 27	Amer	N.W. Pac. Oriental Co. Amer Hawaiian Line.	Boston, Mass	Portland, Oreg	General	3,557
Europa 2	27	27	Dan	East Asiatic Co Elliot Ship. & Land Co.	Conchhagen, Den.	Scattle, Wash Portland, Oreg Vancouver, B. C. Balboa, C. Z	Ballast General	780
Dakotan Europa ² Sambu ² Nuevo Panama ² Gard ¹ ²	26	28	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z Cristobal, C. Z	Pto. Arm'les, R.P.	Ballast General	160
Nuevo Panama 2.	23 27	28	Pan Nor	Elliot Ship. & Land Co. Wrangell & Co	Santos, Brazil	California	Ballast	
Montebello 1	27 27	28	Amer	Union Oil of Calif Standard Oil of Calif.	Baltimore, Md Curacao, N. W. I. Liverpool, Eng	Los Angeles, Cal.	Ballast	• • • • • •
Bahrein 1	27 27	28 28 28	Pan Dan	Standard Oil of Calif. J. Lauritzen	Curacao, N. W. I.	Los Angeles, Cal.	Ballast Ballast Scrap iron	
Dagfred 2	28	28	Nor	J. P. Pedersen & Son.	Providence, R. I.	Seattle, Wash Kobe, Japan Los Angeles, Cal.	Scrap iron	7,566
Grenanger 2	28	28	Nor	Westfal, Larsen & Co.	Algiers, Africa	Los Angeles, Cal.	Ballast	
Bahrein ¹ Egyptian Reefer ² Dagfred ² Grenanger ² Thelma ¹ ² Santa Maria ² Orduna	27 28	28 29	Nor Amer	Tonnevolds Rederi	Providence, R. I. Algiers, Africa Lake Charles, La. New York, N. Y. Cristobal, C. Z	Los Angeles, Cal. Valparaiso, Chile. B'ventura, Col	Ballast General	2,932
Clio 2	28 27	29	Neth	Grace Line Royal Neth. S. S. Co.	Cristobal, C. Z	B'ventura, Col	General	566 3,759
	28 28	29 29	Brit	Pacific Steam Nav.Co. Quaker Line	Liverpool, Eng. New York, N. Y. Pto.Cabezas, Nic.	Valparaiso, Chile.	General Steel, gen	4,200
San Felipe Santa Isabel ³	27 27 27	30	Amer Nic	Francisco McRea	Pto. Cabezas, Nic.	Portland, Oreg Corinto, Nic Talara, Peru	fron rails	46
Lara Sedgepool Yomachichi ²	27	29	Amer	Grace Line	New York, N. Y. Cardiff, Wales	Talara, Peru	General	2,443
Sedgepool	28 28	29 29	Brit	Anglo-Canadian Co	Baltimore, Md		Ballast General	6,209
Bartonn 1 2	28	29	Nor	Roosevelt S. S. Co Standard Oil of N. J.	Baltimore, Md Caripito, Venez	Haiphong, China. Tocopilla, Chile	()	13,794
Pacific President ²	28	30		Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C. Seattle, Wash	General	84 2,944
Lillian Luckenbach President Monroe	28 29	29 29	Amer	Luckenbach Line Amer. President Lines	Boston, Mass New York, N. Y. New Orleans, La.	S. Francisco, Cal.	General	5,398
Prusa	28	30	Amer.		New Orleans, La.	Chile	Ballast	
Karmt 2	28 29	30		Chile Nit. Sales Corp.	Panama City, Fla.	Chile Seattle, Wash	Ballast Steel, gen	4,689
Norvinn 1 2	29	30		Rasmussen & Co	Curacao, N. W. I.	Los Angeles (al.	Ballast	
Pennmar Norvinn 1 2 Trontolite 1 2	29 29 29	30	Brit	Imperial Oil Co	Panama City, Fla. Baltimore, Md Curacao, N. W. I. St. John, N. B Glasgow, Scot	Talara Perm	Ballast	3,096
Surrey	29	30 30		AmerAustralian United Fruit Co	New Orleans, La.	Oninos, C. R	General Gen., cement	1,887
Surrey. Telde. Reinholt ² . Anatina ² .	28 29	30	Nor	De La Rama S. S. Co. W. I. Trading Co	Savannah, Ga	Sydney, Aust Quipos, C. R Manila, P. I	General	5.096
Anatina 2	30 30			W. I. Trading Co AmerHawaiian Line.	Baltimore, Md Boston, Mass New York, N. Y.	Dairen, China	Steel General General	8,745
Carolinian	29 29	30		Wessel, Duval & Co	New York, N. Y. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Talcahuano, Chile Balboa, C. Z Balboa, C. Z Pto. Bolivar	General	$\begin{bmatrix} 2,811 \\ 2,180 \end{bmatrix}$
Sessa Sona ² Real ² Draco ² Mussolini ²	29		Pan	Elliot Ship, & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Real 2	29 29		Pan Neth	Elliot Ship. & Land Co. Royal Neth. S. S. Co.	Cristobal, C. Z.	Pto. Bolivar	Ballast General Ballast	490
Mussolini 2	29	l	Pan	I E. Ubarrio · · · · · · · · · · · · · · · · · · ·	Cristobal, C. Z	Balboa, C. Z	Ballast	
	29 30	1	Amer	Ore S. S. Corp Elliot Ship. & Land Co.	Baltimore, Md	Cruz Gr'de, Unite	Ballast	
Sambu ² Nathan ²	1		Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. 13		20
Nathan ²	1		Pan	I E. J. Hooper	Cristobal, C. Z Baltimore, Md Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Curacao, N. W. I. Curacao, N. W. I. Boston, Mass Baltimore, Md.	Balboa, C. Z Gatun, C. Z Gatun, C. Z Gatun, C. Z	Rollact	20
K. R. Kingsbury ¹ Nero ²	30		Amer Neth	Royal Neth, S. S. Co.	Curação, N. W. I.	S. Francisco, Cal. Tumaco, Colom.	(15)	350
Northland	1	4	Amer.	U. S. Navy	Boston, Mass	S. Francisco, Cal.		4,067
Olopana Colombia ²	30		Amer	Isthmian S. S. Lines Elliot Ship. & Land Co.	Baltimore, Md Cristobal, C. Z	San Diego, Calif. B'ventura, Col Real, R. P Balboa, C. Z	Steel, gen General	980
Porto Bello 3	2	2	Pan	A. Tagaropulos	Cristobal, C. Z.	Real, R. P	General	3
Ebba ² Anders Jahre ¹ ² .	24	l	Pan	E. Obarrio	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Aruba, N. W. I	Balboa, C. Z	Ballast	
California Stand-	3	3		Standard Oil of N. J R. F. Hand	Glasgow, Scot	Los Angeles, Cal. Los Angeles, Cal.	Ballast	
ard. 1 2		1					(16)	1
Rotorua Salvador	27		Brit	N. Z. Shipping Co Pacific Steam Nav.Co	Newport, Eng Cristobal, C. Z.	Timaru, N. Z		6,473 280
West Camargo	3	2 3	Amer.	McCormick S. S. Co	Buenos Aires, Arg.	Champ'ico, Guat. Vancouver, B. C.	General	4,237
Maui	3	3 3	Amer.	Baltimore Mail Co	New York, N. Y.	S. Francisco, Cal. B'ventura, Col	General Salt, gen	2,348 646
Istmo	3	3 4	Pan Brit	N. Z. Shipping Co	London, England	New Zealand	Lieneral	1,912
Gertrude Maersk	3	3 4	Dan	. Maersk Line	London, England Boston, Mass Cristobal, C. Z	Cebu, P. I Gatun, C. Z Vancouver, B. C.	General	6,182
L-53 ⁵	1	3	Amer.	. U. S. Army	Cristobal, C. Z Trieste, Italy	Vancouver, B. C.	Tow. barge General	1.537
Waroonga	1 3	3 {	5 Brit	. I Brit. India Steam Nav	. Falmouth, Eng	Australia	General	5,537
Nebraskan Tokai Maru ²	1 4	1 4	Amer.	AmerHawaiian Line	N. London, Conn	Dairon China	General	. [1,803
Justitia	3	3 4	Jap Brit	Androw Woir & Co		Yawata, Japan	Scrap steel.	+8,306
Breda	3	1 4	l Neth	Royal Neth. S. S. Co	Philadelphia, Pa. Amsterdam, Neth	Yawata, Japan Corral, Chile Puget Sd., Wash, Balboa, C. Z Balboa, C. Z	General	$\begin{bmatrix} 1,166 \\ 2,319 \end{bmatrix}$
Real 2	4	4	Amer. Pan.	Waterman S. S. Corp Elliot Ship & Land Co.	Jacksonville, Fla Cristobal, C. Z	Balboa, C. Z.	General Ballast	
Sona 2	3	3	Pan	Elliot Ship. & Land Co	Cristobal, C. Z.	Balboa, C. Z	Ballast	

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ¹³ For bananas and return to Cristobal. ¹⁴ Fuel and Diesel oil. ¹⁵ Lard, oil, general, etc. ¹⁶ Iron, steel, general, etc.

	rived	eared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Samuel Bakke ² Pomona Javanese Prince ² . Bethore	3 4 4 4	5 5 5 5	Nor Amer Brit Amer	Knut Knutsen Pac. Coast Direct Line Mitsui Co Ore S. S. Corp.	Goth'burg, Swed. Bridgeport, Conn. Baltimore, Md Baltimore, Md	Valparaiso, Chile. Seattle, Wash Kobe, Japan	Paper, gen General Steel Ballast	3,091 3,377 9,124
Orangeleaf ¹ D. G. Scofield ¹ Mathew Lucken-	4 5 4 4 4	5 5 5 6	Amer Brit Amer	Ore S. S. Corp. Matson Nav. Co. British Navy Shell Oil Co. Luckenbach Line	Philadelphia, Pa. Bermuda, B. W. I. New York, N. Y. Houston, Tex	Seattle, Wash. Kobe, Japan. Cruz Gr'de, Chile Honolulu, T. H. Balboa, C. Z. Los Angeles, Cal. Seattle, Wash.	General Fuel, stores. Ballast General	2,406 5,025 5,078
baeh. Washington Express. 2	4	9	Nor	Fruit Express Line	Glasgow, Scot	Los Angeles, Cal.	Ballast	
Walter A. Luck- enbach.	5 5	6	Amer.	AmerHawaiian Line. Luckenbaeh Line	Baltimore, Md Boston, Mass	Taeoma, Wash Seattle, Wash	General	2,014 3,766
Hokuroku Maru ² Port Sydney Cadmus	5 6 5	6 7 6	Jap Brit Nor	Osaka Syosen Kaisya. Port Line United Fruit Co	Boston, Mass Glasgow, Seot Pt. Arthur, Tex.	Kobe, Japau New Zealand Puntarenas, C. R. Chanaral, Chile.	Gen., phos Psgrs. only Gen., oil	8,045 955
Santa Rita ² Hunter Liggett ⁸ Peggy V. ⁵ Illinois ¹	6 6 	7	Amer. Amer. Amer. Amer.	Grace Line. U. S. Army. Veney. The Texas Co	Pt. Arthur, Tex. New York, N. Y. New York, N. Y. Cristobal, C. Z. Pt. Arthur, Tex.	Gatur C.Z	General. General. Ballast Lub. oil Steel, gen	3,210 230 9,184
Port Darwin	6 6	7	Amer Brit Pan	Port Line E. Obarrio	Liverpool, Eng.	Los Angeles, Cal. Seattle, Wash Sydney, Aust. Balboa, C. Z	Ballast	4,619
San DiegoLeboreNvholt 1 2	6 6 6	8 7 7 7	Fr Amer Nor Brit	French Line. Ore S. S. Corp. Christian Haaland. Shaw, Savill & Albion	Baltimore, Md Houston, Tex	Vancouver, B. C. Cruz Gr'de, Chile Guayaquil, Ecua. New Zealand	General Ballast Fuel oil Ballast	9,988
Raranga. Talisman ² . Kaipaki ² . Tonsbergfjord ² .	6	7 8 8	Nor Brit Nor	Trinder Anderson Co. Isbrandtsen Moller.	Montreal, Canada New York, N. Y.	Shanghai, China Adelaide, Aust Vladivos'k, Rus Seattle, Wash	General General	5,343 6,319 4,992
Floridian	6 7 7 7 7 7 8 6	8 8 8	Amer Nor Nor	AmerHawaiian Line. Fern Line	Wilmington, Del.	Yokohama, Japan Doiren China	General (13) (14)	4,992 2,705 7,896 8,074
City of Los Angeles Colombia ² Pereira	8 6 3	8 8 8	Pan Amer Pan Pan	Anglo-Saxon Pet. Co. Panama-Paeifie Line. Elliot Ship. & Land Co. Graee Line	Baltimore, Md Curacao, N. W. I. New York, N. Y. Cristobal, C. Z Cristobal, C. Z	Los Angeles, Cal. S. Francisco, Cal. B'ventura, Col Champ'ieo, Guat.	Ballast General	2,676 882 574
Asosan Maru ² Antinous Keiyo Maru ² West Cape	8 8 8 8	8 9 8 9	Jap Amer Jap	Mitsui & Co	Tampa, Fla Pt. Arthur, Tex.	Yokohama, Japan Kohe, Japan Kobe, Japan Tacoma, Wash Portland, Oreg. Balboa, C. Z	Phosphate (16)	8,360 8,063 8,321
West Cape. Indra ² . Sambu ² . Virgilio ² . Matros ² . Nero ² .	8 8 8	8	Amer Nor Pan Ital	MeCormiek S. S. Co Knutsen Line Elliot Ship, & Land Co. Societa Italia	Philadelphia, Pa. Norrsundet, Swed Cristobal, C. Z. Genoa, Italy	varparaiso, Chile.	Sulphur Wood pulp Ballast General	7,812 5,396
	8 8 7	9 9 9	Pan Neth Swed Amer	Royal Neth. S. S. Co. Johnson Line	Pensacola, Fla Cristobal, C. Z Goth'burg, Swed. Norfolk, Va	Yokohama, Japan Puerto Bolivar Valparaiso, Chile.	Serap iron General Gen paper	5,955 398 2,168
SantoreBalla ² . Porto Bello ³ . Col. Riche ⁵	9	10 9	Nor Pan Amer	Ore S. S. Corp. Smith & Johnson A. Tagaropulos U. S. Army Royal Neth. S. S. Co.	Vigo, Spain Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Yavaros, Mexico. Real, R. P Gatun, C. Z	Ballast General Tow. barge	3
Douro ²	8 9 9	10 10 10	Neth Dan Jap	J. Lauritzen Kawasaki K. Kaisha.	Cristobal, C. Z. Manchester, Eng. New York, N. Y. Mobile, Ala	Seattle, Wash Yokohama, Japan	General Ballast	304 8,201
Steel Exporter Teesbank ² Amerikaland ² Silvaplana ²	10 10 10 10	10 11 11 10	Amer Brit Swed Nor	Isthmian S. S. Lines. Bank Line, Ltd. Ore S. S. Corp. Continental Grain Co.	Tampico, Mexico. Baltimore, Md Norfolk, Va Boston, Mass	Hilo, T. H	Gen., cotton. Steel, sulph (17) Ballast Coal	5,652 8,049 8,743
Naruto Maru ² Fearless II ⁶	10 29	11	Jap Amer.	Nippon Yusen Kaisya Alb. E. Schwabacker	Boston, Mass. New York, N. Y.	Kohe, Japan S. Francisco, Cal.	Copper, gen. Ballast	8,013
				PACIFIC TO	ATLANTIC			
Hunter Liggett 8. El Oso 1 Sakito Maru 2	10 10 10	12 11 12	Amer. Brit Jap	U. S. Army C. T. Bowring & Co. Nippon Yusen Kaisha	Honolulu, T. H Cabo Bl'eo, Peru Yokohama, Japan	New York, N. Y. Ellesmere, Eng London, England	General Bulk oil	3,621 9,972 7,580
Baron Incheape.	10 10 11	12 13 13	Amer Neth	H. Hogarth & Sons Isthmian S. S. Lines Royal Neth. S. S. Co. N. Z. Shipping Co	Willapa, Wash Portland, Oreg Tumaco, Colom	London, England London, England Avonmouth, Eng. Cristobal, C. Z. London, England	Timber, gen. Lum., gen Coffee, hides	8,443 8,081 534
Douro ² Rangitata ² Indian Prinee ² . Peter Kerr Yorkmar	11 11 11 11	12 12 12 12	Brit Brit Amer Amer	N. Z. Shipping Co Furness, Withy & Co. States S. S. Co Calmar Line	Auckland, N. Z Vaneouver, B. C. Portland, Oreg Seattle, Wash Saigon, Ind-China	Livernool Eng	Frozen, gen. Lum., gen. (19) Lum., eopper (20)	5,690 8,263 9,533 7,284

¹ Tanker. ² Motor ship. ³ Motor sehooner. ⁵ Launch. ⁶ Yacht. ⁸ Transport. ¹² Cotton, lubricating oil, etc. ¹⁴ Steel products, scrap. ¹⁶ Gasoline, steel, etc. ¹⁶ Phosphate, coffee, cocoa. ¹⁷ General, oil, cotton, etc. ¹⁸ Canned goods, general. ¹⁹ Lumber, copper, general. ²⁰ Rice, rubber, general.

PACIFIC TO ATLANTIC—Continued

				TACIFIC TO ATEM	.NTIC—Continued			
	rrived	Date cleared	Nation-		Pe	ort	Cargo	
Ship	Date arrived	Date c	ality	(Charterer or operator)	From	For—	Nature	Long tons
EdwinChristenson	12 12	12		Sudden & Christenson	So. Bend, Wash. Darien, R. P.	Baltimore, Md	Lumber	6,960
Pirre ² Real ²	12	13 14	Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z Cristobal, C. Z	Bananas Bananas	45 35
Rossington Court.	12	14	Brit	I Canadian Transp. Co.	Britannia, B. C.	United Kingdom.	(13)	10,000
Marconi 2 Vega	12 11	13 15	Pan Amer	D. Campodonico. U. S. Navy Isthmian S. S. Lines.	Panama, R. P. Bremerton, Wash.	Cispata, Colom Norfolk, Va	Ballast General	2 770
Charles H. Cramp	12	13	Amer	Isthmian S. S. Lines.	Seattle, Wash	Bultimore Md	Lum., gen	2,779 6,306
Santa Maria 2 Honolulan	12 12	13 13		Grace Line	Valparaiso, Unite.	New York, N. Y. Baltimore, Md.	General Lum., gen	$\frac{3,780}{7,440}$
Point Lobos	12	13	Amer	Swavne & Hovt	Portland, Oreg Portland, Oreg	ташра, гта	Lum., gen	6,885
Herman Frasch Marore	12 14	13 14	Amer.	Ore S. S. Corp	Astoria, Oreg. Cruz Gr'de, Chile	Wilmington, Del. Baltimore, Md	Lumber Iron ore	$\begin{vmatrix} 4,950 \\ 22,500 \end{vmatrix}$
Texas Sun 1 2	14	14	Amer	Sun Oil Co Matson Nav. Co	Los Angeles, Cal.	Chester, Pa	Gasoline	14,991
Lihue	13 13	14 14	Amer Nor	Matson Nav. Co Chile Nit. Sales Corp.	Los Angeles, Cal. Kahului, T. H Tocopilla, Chile	Baltimore, Md Pensacola, Fla	(14) Nitrate	1 9,538
Karmt	13	14	Amer.	AmerHawaiian Line.	Everett, Wash Talara, Peru	New York, N. Y. Rotterdam, Neth.	Lum., copper	8,850 7,611
Amsterdam 1 Nankai Maru 2	13	14	Neth	H. Clarkson & Co	Talara, Peru		(15)	10,357
Acajutla	13 13	15 19	Jap Brit	Osaka Syosen Kaisya Pacific Steam Nav. Co.	Tsingtao, China Champ'ico, Guat.	Antwerp, Belgium Cristobal, C. Z.	(16) Coffee, wood	5,096
King Idwal	14	16	Brit	Canadian Transp. Co.	Victoria B. C	United Kingdom.	Lumber	6,664
Wyoming Pacific Reliance	14 14	16, 15,	Fr Brit	French Line	Portland, Oreg Victoria, B. C Seattle, Wash	Rotterdam, Neth. Manchester, Eng.	General	+6,318
Panaman	14	15	Amer.	AmerHawaiian Line.	Seattle, Wash	Boston, Mass	Concret	8,357 7,729
Clio	14 15	16 17	Neth Pan	Royal Neth. S. S. Co. Elliot Ship, & Land Co.	Guavaguil, Ecua.	Boston, Mass Cristobal, C. Z Cristobal, C. Z	(18) (19)	531
Colombia San Gabriel	15	15	Amer	Pacific-Atlantic Co	B'ventura, Col Marshfield, Oreg.	Portsmouth, Eng.	Lum., pulp.	6,588
Moorby	15 15	16	Brit	Ropner Shipping Co East Asiatic Co	Englewood, B. C.	Immingham, Eng	Lumber	8,100
Canada General Wm. M.		16	Dan	U. S. Army	Vancouver, B. C. Balboa, C. Z	Copenhagen, Den Cristobal, C. Z.	Lumber, gen. Tow. barge	9,763
Graham. 4	- 1							
Porto Bello Cordillera	14 15	15 16	Pan Brit	A. Tagaropulous Donaldson Bros	Darien, R. P Vietoria B. C.	Colon, R. P	General	6,065
Nevadan	15	16	Amer	AmerHawaiian Line.	Victoria, B. C Portland, Oreg Portland, Oreg	Glasgow, Scotland Boston, Mass	General	8,526 7,950
Trondanger 2	15 15	16 17	Nor Hond	Interocean S. S. Co United Fruit Co	Portland, Oreg Pto. Arm'les, R. P.	Azores 14 New Orleans, La.	Grain, gen Coffee, gen	7,950
CaliforniaExpress ²	15	16	Nor	Fruit Express Line	S. Francisco, Cal.	Kristiansand, Nor	Fruit, gen	2.021
Kainalu	15 16	16 17	Amer	Fruit Express Line Matson Nav. Co. U. S. Coast Guard	S. Francisco, Cal. Honolulu, T. H Mare Island, Cal.	Philadelphia, Pa	Pineapples	7,452
Duane Ino ² Maui Pirre Sona	16	18	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Boston, Mass Cristobal, C. Z New York, N. Y. Cristobal, C. Z Cristobal, C. Z Claymont, Del	Ballast Coffee, skins.	236
Maui	15	17	Amer	Panama-Pacific Line.	S. Francisco, Cal. Darien, R. P Darien, R. P	New York, N. Y.	General	5,229
Sona	16	17 17	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z.	Bananas	46 38
Ell	16	17	Nor	S. S. Owners-Oper	Britannia, B. C.	Claymont, Del Baltimore, Md Bayonne, N. J Po'keepsie, N. Y.	Pyrites	7,570
Santore D. G. Scofield 1	16 16	17 17	Amer	Ore S. S. Corp. Standard Oil of Calif.	Cruz Gr'de, Chile Los Angeles, Cal.	Baltimore, Md	Iron ore Fuel oil	$11,500 \\ 10,122$
Henry D. Whiton.	16	17	Amer.	Dutton Lumber Corp.	Tacoma, Wash.	Po'keepsie, N. Y.	Lumber	5.400
Point Salinas Elisabeth Bakke ²	16 16	17 17	Amer Nor	Swayne & Hoyt Knut Knutsen	Astoria, Oreg	New Orleans, La. Manchester, Eng. New York, N. Y.	Lumber, gen. Lumber, gen.	5,938 7,016 7,444
Amagisan Maru 2.	16	17	Jap	Mitsui Bussan Kaisha	Vancouver, B. C. Singapore, St. Set	New York, N. Y.	General	7,444
Waimarama ² . Norman Monarch	16 16	17 18	Drit	Shaw, Savill & Albion Seaboard of Vancouver	Brisbane, Aust Victoria, B. C	London, ringiand	Frozen, gen.	8,291
Mussolini 2	17	19	Brit Pan	H. Obarrio.	Darien, R. P.	Montreal, Canada Cristobal, C. Z.	Lumber Bananas	7,800 65
J. L. Luckenbach	16 16	17	Amer Dan	Luckenbach Line	Darien, R. P Scattle, Wash	Cristobal, C. Z. Boston, Mass.	Lumber, gen.	9,173
Marna San Rafael	17	17 17	Amer.	J. Lauri zen Quaker Linc	Valparaiso, Chile. Portland, Oreg	New York, N. Y. Philadelphia, Pa	Nitrate, gen. Lumber, gen.	
Bethore	18 2 3	18	Amer.	Ore S. S. Corp. Panama Transp. Co.	Cruz Gr'de, Chilel	Baltimore, Md	Iron ore	21,309
J.A. Mowinckel ¹ Sylvan Arrow ¹	17	18 18	Pan Amer	Socony-Vacuum Oil	Talara, Peru Los Angeles, Cal.	Cartagena, Col. Providence, R. I.	Ballast Fuel oil	11,951
Bradglen	17	21	Brit	Angle-Can. S. S. Co.	Victoria, B. C. Cebu, P. I	London, England	Grain, lum.	8,200
	17	19 18	Dan	Isbrandtsen Moller. Is hmian S. S. Lines.	Cebu, P. I	Baltimore, Md	Sugar, gen Sugar, pines.	5,923 8,002
Orazio ² Lochavon ²	18	19	Ital	Italian Line	Valparaiso, Unite.	Genoa, Italy	Copper, nit	2,342
Lochavon 2	18	20 20	Brit	Royal Mail Lines Shaw, Savill & Albion	Victoria, B. C Wellington, N. Z.	Rotterdam, Neth.	General	8,169
Karamea ² Santa Rita ²	18	20	Amer	Grare Line	Antof'gasta, Chile	London, England New York, N. Y. Liverpool, Eng.	Gen., frozen. Copper, gen.	6,612 3,118
Baron Belhaven Leme ²	18 18	21 20	Brit	Anglo-Can. S. S. Co.,	N. Westm'er, B.C.	Liverpool, Eng.	Copper, gen. Grain, lum.	9.360
Lady Glanely 2	18	21	Brit	Italian Line Seaboard Ship. Co	Vancouver, B. C. N. Westm'er, B. C.	Trieste, Italy London, England	General Wheat, lum.	7,906 9,660
Redgate	19	23	Brit	Chile Nit. Sales Corp.	Tocopilla. Chile.	London, England Azores 21	Nitrate	7,150
Ciss	19 19	22	Nor Brit	Grace Line Canadian Transp. Co.	Champ'ico, Guat.	Cristobal, C. Z.	General Wheat, lum.	359 S,230
Sambu 2	19	20	Pan	Elliot Ship. & Land Co.	Seattle, Wash Darien, R. P	Liverpool, Eng. Cristobal, C. Z. Cristobal, C. Z.	Bananas.	60
Henry S. Grove	19 19	$\frac{20}{20}$	Pan	Elliot Ship. & Land Co.	Darien, R. P. Los Angeles, Cal.	Cristobal, C. Z	Bananas Fuel oil	$\frac{25}{10,122}$
J. Fred Talbott 9.]	Amer	Shell Oil Co	Balboa, C. Z Cruz Gr'de, Chile	Bayonne, N. J Cristobal, C. Z		
Lebore Bahrein 1	20 19	20 20	Amer.	Ore S. S. Corp. Standard Oil of Calif.	Cruz Gr'de, Chile Los Angeles, Cal.	Baitimore, Md	Iron ore (22)	21,600
	A ser	20	* COLL)	beaudard On or Calli.	nos Angeles, Cal.	Curacao, A. W. I	(**)	9,288

PACIFIC TO ATLANTIC-Continued

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cu ·	rrive	leare	Nation-			ort	Cargo	<u> </u>
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Mauna Kea Fresno City ²	19 19			Matson Nav. Co Colonial Sugar Ref.	Los Angeles, Cal.	New York, N. Y.	Pineapples	7,810
Arizonan	19	20	Amer	AmerHawaiian Line.	Suva, Fiji Is Seattle, Wash	Lands End 14 Boston, Mass	Sugar Gen., lumber	8,500 8,795
East Wales	20		Brit	Chile Nit. Sales Corp. U. S. Army Panama R. R. Co	Antof'gasta, Chile	Azores 14 Brooklyn, N. Y. Gamboa, C. Z. New York, N. Y. Colon, R. P.	Nitrate	8,795 7,780
Chateau Thierry 8 Cristobal	19 14		Amer	Panama R R Co	S. Francisco, Cal. Balboa, C. Z	Brooklyn, N. Y	General Ballast	866
City of Los Angeles	20	21	Amer	Panama-Pacific Line .	S. Francisco, Cal.	New York, N. Y.	Lieneral	6,524
Leticia ² Jane Christenson.	20 20			A. Lagaropulos	Pedregal, R. P	Colon, R. P.	Cattle	106
Pacifie	20		Amer	Arrow Line	S. Francisco, Cal. Pedregal, R. P Longview, Wash. Portland, Oreg	Baltimore, Md New York, N. Y.	Lumber, gen.	$\begin{bmatrix} 6,472 \\ 7,698 \end{bmatrix}$
Pacifie	20	21	Neth	La Corona	S. Francisco, Cal.	Baltimore, Md. New York, N. Y. Curacao, N. W. I. Curacao, N. W. I. Boston, Mass Cristobal, C. Z. Stockholm, Swed. Cristobal, C. Z. Halifax, N. S. Newark, N. J. Colon, R. P.	Gasoline	11,054
Thorsholm 1 2 Eastern Guide	20 20		Neth Amer	Shell Oil Co	Los Angeles, Cal. So. Bend, Wash.	Curacao, N. W. I.	Lumber	14,129
Colombia 2	21	25	Pan	Elliot Ship. & Land Co.	B'ventura Col.	Cristobal, C. Z.	Coffee, hides	5,100 795
Pacific ² Mussolini ²	18	22	Swed	Johnson Line	S. Francisco, Cal.	Stockholm, Swed.	(15)	5,817
Armadale 2	22 20		Pan Brit	H. Obarrio Colonial Sugar Ref.	S. Francisco, Cal. Darien, R. P. Mackay, Canada. Scattle, Wash	Halifar N S	Bananas Sugar	8,204
Ogontz	21	22	Amer	PacAtlantic Freight.	Scattle, Wash	Newark, N. J	Lumber	6.541
Ogontz Fortuna ²	22 21	22 23	Pan	A. Ferrari Anglo-Can. S. S. Co	Aguadulce, R. P. Vancouver, Wash. Everett, Wash.	Colon, R. P.	Cattle,horses	75 9,150
Iddesleigh Florence Lucken-	21	23	Brit	Luckenbach-Gulf Co.	Everett Wash.	London, England Mobile, Ala	Grain, lum Gen., lumber	6,850
bach.								
Hamakua Porto Bello ²	21	22 22	Amer	Matson Nav. Co	Honolulu, T. H. Darien, R. P.	Baltimore, Md Colon, R. P Hull, England	(17) (18)	7,857
Imperial Valley	22 22	24	Pan Brit	A. Tagaropulos Seaboard Ship. Co	Pt. Mellon, B. C.	Hull, England	Lumber	$\begin{bmatrix} 10 \\ 7,150 \end{bmatrix}$
Istmo 2	22	24	Pan	Elliot Shio. & Land Co.	Tumaco, Colom Portland, Oreg	Cristobal, C. Z.	Ballast	
Californian	22	23	Amer Pan	AmerHawaiian Line.	Portland, Oreg	Boston, Mass	General Bananas	8,923 80
Sacramento Val-	23 22	24	Brit	Elliot Ship. & Land Co. Seaboard Lumber Co.	Darien, R. P Victoria, B. C	Cristobal, C. Z London, England	Lumber	6,600
ley.			_					
Awazisan Maru ² .	22 23	23 23	Jap Amer	Mitsui & Co North Negros Sugar	Manila, P. I Victorias, P. I Manila, P. I	New York, N. Y. New York, N. Y.	(19) (20)	9,443 8,427
Nonsuco Yamazuki Maru ²	23	25	Jap	Yamashita K. Kaishal	Manila, P. I	Buenos Aires, Arg.	(21)	5,613
Ruby 5 Amerikaland 2	22	24	Amer	U. S. Army Ore S. S. Corp.	P. Miguel, C. Z. I	Cristobal, C. Z.	Tow. floats	
Sidney M. Haupt-	23 17	24 24	Swed	McCormick S. S. Co.	Cruz Gr'de, Chile Seattle, Wash	Baltimore, Md Philadelphia, Pa.	Gen., lumber	22,300 8,363
mann		-						
Ebba ² Tai Ping ² Sheaf Holme ²	24	25	Pan Nor	H. Obarrio Barber Wilhelmsen	Darien, R. P Zamboanga, P. I.	Cristobal, C. Z Philadelphia, Pa.	Bananas Gen.,woodoil	53 3,793
Sheaf Holme 2	23	25	Brit	Andrew Weir & Co	Cairns, Australia.	Montreal.Canada	Raw sugar	8,126
Douro *	23	26	Neth	Andrew Weir & Co Royal Neth. S. S. Co.	Cairns, Australia. Manta, Ecuador. Corral, Chile	Cristobal, C. Z Amsterdam, Neth	Raw sugar	514
Baarn Kaipara ² Gryfevale	22 23	3 26	Neth Brit	Royal Neth. S. S. Co. M. A. N. Z. Line Chile Nit. Sales Corp.	Brisbane, Aust	Montreal, Canada	General	8,511
Gryfevale	24	26	Brit	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores 14 Philadelphia, Pa.	Nitrate	$\frac{2,054}{7,610}$
Vermont St. Mihicl 8	24	24 25	Amer.	Calif "Eastern Line	Portland, Oreg	Philadelphia, Pa.	Gen., lumber	8,532
Ivo Racic	23	25	Amer Y-Slav	U. S. Army Chile Nit. Sales Corp. Calmar S. S. Corp. McCormick S. S. Co. Lethyrian S. S. Liras	Balboa, C. Z Tocopilla, Chile Portland, Oreg Los Angeles, Cal. Seattle, Wash	Galveston, Tex	General Nitrate	683 5,610
Point Arena	24	25	Amer	Calmar S. S. Corp	Portland, Oreg	Lisbon, Portugal. Albany, N. Y Norfolk, Va	Lumber	5.605
Absaroka Chickasaw City	24 23	25 25	Amer	Isthmian S. S. Lines.	Los Angeles, Cal.	Portland, Me	Lumber, gen. Lumber, gen.	8,358
Washingtonian	24	25	Amer.	AmerHawaiian Line.		Baltimore, Md	Lumber, gen.	5,239 9,222 8,262
Balboa 2 Robert Lucken-	24 24	26	Swed	Johnson Line Luckenbach Line	Voncouver, B. C. Seattle, Wash	Goth'burg, Swed. Boston, Mass	General	8,262
hach.	24	25	Amer	Luckenbach Line	Seattle, Wash		Gen., lumber	9,255
Steelmaker Manoeran ² Henderson ⁸	25	25	Amer	Isthmian S. S. Lines.	Saigon, InChina.	New York, N. Y. Mombasa, N.E.I.	Rub., sugar	8,468
Manoeran 2 Henderson 8	25 24	26 27	Neth Amer	Java-Pacific Line U. S. Navy	Durban, S. Atr . 1	Mombasa, N.E.I. Norfolk, Va	General	6,331
Uklahoman	25	26	Amer	AmerHawaiian Line.	S. Francisco, Cal. S. Francisco, Cal.	Baltimore, Md	Potash, lum.	6.925
Royal Crown	25	27	Brit	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores 14	Nit. of soda.	7,900 9,075
Helene Kulukun- dis.	25	26	Greek.	Anglo-Can. S. S. Co	N.Westm'er,B.C.	Hull, England	Lum., wheat.	9,075
Trepca Edward Lucken-	26	26	Y-Slav	Chile Nit. Sales Corp.	Antof'gasta, Chile Townsend, Wash.	Azores 14	Nitrate	$8,298 \\ 8,435$
Edward Lucken- bach.	26	26	Amer	Luckenbach Line	Townsend, Wash.	Boston, Mass	General	8,435
Evros	26	26	Greek.	Lautaro Nit. Corp	Autof'gasta, Chile	Azores 14	Nitrate	7,750
Umberleigh	$\frac{26}{26}$	28	Brit	Seaboard Ship, Co	Pt. Alberni, B. C.	Hull, England	Wheat, lum.	8,600
AlaskaIllinois	$\frac{26}{26}$	$\frac{30}{26}$	Fr Amer	French Line Quaker Line	Valparaiso, Chile. Portland, Oreg	Havre, France Philadelphia, Pa.	General Lumber, gen.	8,627 7,977
Sambu Intrepid ^{2 6} Clio ² Point Chico	26	27	Pan	Elliot Ship, & Land Co. I	Darien, R. P l	Philadelphia, Pa. Cristobal, C. Z.	Bananas	35
Clio 2	$\frac{26}{26}$	30 28	Amer Neth	W. P. Murphy Royal Neth. S. S. Co.	Victoria, B. C.	St.Petersburg,Fla Cristobal, C. Z.	Ballast	240
	26	27	Amer.	Swayne & Hoyt	Portland, Oreg	Tampa, Fla	General	5,483
Erie S			Amer	U. S. Navy	B'ventura, Col Portland, Oreg Balboa, C. Z	Tampa, Fla Cristobal, C. Z	1	
Salvador	$\frac{26}{26}$	28	Brit	Pacific Steam Nav.Co. Grace Line	Champ ico, Guat.	Cristobal, C. Z New York, N. Y. New York, N. Y.	General	368 5,924
Nordhval 2	26	27	Dan	Grace Line Chile Nit. Sales Corp.	SanAntonio, Chile Tocopilla, Chile.	New York, N. Y.	Nitrate	8,150
¹ Tanker. ²	_					strover 14 For c		

Tanker. ² Motor ship. ⁵ Launch. ⁶ Yacht. ⁸ Transport. ⁹ Destroyer. ¹⁴ For orders. ¹⁵ Kcrosene distillate. ¹⁶ Canned pineapples, copra, meal. ¹⁷ Sugar, canned pineapples. ¹⁸ Plantains, lumber. ¹⁹ Sugar, rubber, silk, general. ²⁰ Coffee, wood, drums. ²¹ Coffee, wood, drums.

PACIFIC TO ATLANTIC—Continued

	1	1	1	1	twie-Continued		1	
	rrived	leared	Nation-			'ort	Cargo	•
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For-	Nature	Long tons
Swiftscout 1	27 27	27	Amer.	Petrol Corp., L. A	Pt. Petrol, Calif.	Baltimore, Md London, England	Crude oil	10,833
Sikisan Maru ² Timber Rush	27	28 27	Jap Amer	Mitsui Bussan Kaisha Shepard S. S. Co	Hakodate, Japan . Astoria, Oreg	N. Bedford, Conn.	Salmon Lumber, gen.	7,140 7,149 9,500
Chaucer	27	29	Brit	Seaboard Ship, Co	Vancouver, B. C.	Hull, England	Lum. zine ore	9,500
Steelore	28 27	28 29		Ore S. S. Corp Adelaide S. S. Co	Cruz Gr'de, Chile	Baltimore, Md Montreal, Canada	Iron ore	21,800
California Star 2	27 27 27	29	Brit	Blue Star Line, Ltd.	Gladstone, Aust Vancouver, B, C. Dunedin, N. Z Tacoma, Wash	United Kingdom.	Sugar Refrig., gen.	8,380
Tongariro	27	30	Brit	N. Z. Shipping Co	Dunedin, N. Z	Glasgow, Seot	Frozen, gen.	5,293
Kenmar City of San Fran- cisco.	28 28	28 29		Calmar Line	S. Francisco, Cal.	Baltimore, Md New York, N. Y.	General	6,919 7,266
Pacific Enterprise 2	27	30		Furness, Withy & Co.	Vancouver, B. C.	London, England	General	8,673
Besholt	28 28	29 29	Nor Hond.	De La Rama S. S. Co United Fruit Co	Iloilo, P. I La Union, Salv	New York, N. Y. New Orleans, La.	Sugar, gen	8,060
Orotava Missourian	28	29	Amer.	Amor Homoiian Line	Donálom d Ovor	D M.	General	8,944
Draeo ² Frida	28	1	Neth	Royal Neth, S. S. Co. West Coast Line U. S. Navy	Tambo de Mora.	Cristobal, C. Z.	Raw cotton.	220
Frida	29	30	Dan	West Coast Line	SanAntonio, Chile	New York, N. Y.	Ores, gen	2,639
Norlys 1 2	28 29	30		LAngue-Saxon Pet, Co.	Balboa, C. Z Los Angeles, Cal.	Curação, N. W. L.	Gas oil	13,807
S-42 7. Norlys 1 2. Mussolini 2.	29	1	Pan	H. Obarrio.	Darien R P	Cristobal, C. Z. New York, N. Y. Cristobal, C. Z. Curacao, N. W. I. Cristobal, C. Z.	Bananas	80
InvellaGeddington Court	23 29	2	Brit Brit	Seaboard Ship. Co Canadian Transp. Co.	Vietoria, B. C Vietoria, B. C	filli, filgiand	Grain, lum	7,200
Porto Bello 2	29	29	Pan	A. Tagaropulos	Darien, R. P	S'ampton, Eng Colon, R. P	Lumber Plantains	7,667
Sona ²	29 29	30	Pan	Elliot Ship. & Land Co.	Darien, R. P	Colon, R. P Cristobal, C. Z Cristobal, C. Z	Bananas	35
Dalhana	29 29	$\frac{30}{2}$	Pan Brit	Elliot Ship. & Land Co.	Darian, R. P Vancouver, B. C.	United Kingdom.	Bananas	35
Dalhana Cathwood 1	29	30	Amer.	Anglo-Can. S. S. Co Union Oil of Calif	S. Francisco, Cal.	Savannah, Ga	Lumber, gen. Crude oil	8,050 9,187
Colombia 2	29	2 2	Pan	Elliot Ship, & Land Co.	B'ventura, Col	Cristobal, C. Z.	Coffee, hides	1 1 . 007
Colombia ² Dalryan Ferncliff ²	30 30	30	Brit Nor	United Steam Nav. Co. Chile Nit. Sales Corp.	Nauru Island Tocopilla, Chile	United Kingdom. Mobile, Ala	Phosphate	7,800 7,751
nothey	27	1	Brit	Col. Sugar Ref. Co	Cairns, Aust	Montreal.Canada	Raw sugar	8,664
Hamilton	29 30	30 30	Amer.	U. S. Coast Guard United Fruit Co	S. Francisco, Cal. Quipos, C. R.	Norfolk, Va Boston, Mass		
Macabi	30	30		Jorgensens Pac. Coast	Vancouver, B. C.	Boston, Mass	Ballast Lumber, gen.	5,150
Paul Luckenbach	30	1	Amer.	Luckenbach Line	Townsend, Wash.	Dakar Boston, Mass	Lumber, gen.	9,331
Sambu ²	30	1	Pan Amer	Elliot Ship. & Land Co. McCormiek S. S. Co.	Townsend, Wash. Darien, R. P Seattle, Wash	Cristobal, C. Z. Philadelphia, Pa	Bananas Lumber, gen.	70
Toron	30	1	Amer	AmerHawaiian Line.	Seattle, Wash	Boston, Mass	Lumber, gen.	10,715
Snark 5. Duddy 5. Antioquia 9.	1 1		Amer.	H. E. Merryman D. P. White	Balboa, C. Z Balboa, C. Z Balboa, C. Z	Boston, Mass Gatun Lake, C.Z.	Ballast	
Antioquia 9	17	2	Colom.	Colombian Govt	Balboa, C. Z	Gatun Lake, C.Z. Gatun Lake, C.Z. Cartagena, Col.	Ballast	
Cornish City 2	- 11	4	Brit	Reardon Smith Line.	Suva, Fiji Islands Kahulaui, T. H. Vancouver, B. C.	Lands End 13	Raw sugar	9,150
Kaimoku	1 2	2 4	Amer Brit	Matson Nav. Co Seaboard Shipping Co.	Kahulaui, T. H	Baltimore, Md	(15)	7,752 8,173
Loreto 2	2 2 2	6	Brit	Paeine Steam Nav.Co.	Montevideo, Uru.	London, England Liverpool, Eng	Grain, lum.	6,500
Port Hunter Commissaire Ra-	2	3	Brit	Port Line, Ltd	Montevideo, Uru. Wellington, N. Z. Noumea, N. Caled	Glasgow, Seot	Frozen, gen.	6,587
mel. Andino 1		3	Fr Brit	Messageries Marit'es. Lago Shipping Co		Marseilles, Fr Aruba, N. W. I		5,853
Uregonian	2	3	Amer	AmerHawaiian Line.	Seattle, Wash	Boston, Mass	Ballast	7,491
Hegira Nagara Maru ²	2	3	Amer.	Weyerhaeuser S.S. Co. Nippon Yusen Kaisha	Balboa, C. Z Seattle, Wash Everett, Wash Iloilo, P. I	Boston, Mass Norfolk, Va	Lumber, gen.	9,680
Titanian 2	24 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3	Jap Nor	S.S. Owners Operating	Britannia, B. C.	Baltimore, Md Claymont, Del	(18) Pyrites cone.	9,680 6,075 7,950
San Marcos	3	3	Amer	Quaker LineGrace Line	Britannia, B. C Longview, Wasb.	Philadelphia, Pa.	Lumber, gen.	8,346
Pereira	3	8 5	Pan Dan	A P Moller	Champ'ico, Guat. Bugo, P. I Portland, Oreg	Philadelphia, Pa. Cristobal, C. Z. New York, N. Y.	General	410
	3	3	Amer	A. P. Moller Isthmian S. S. Lines.	Portland, Oreg.	A vonmouth, Eng.	General Barley, lum	6,541 8,246
Sona 2	3	4	Pan	Elliot Ship, & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z Cristobal, C. Z	Bananas	13
Appledore	3	6	Pan Brit	Elliot Ship. & Land Co. Seaboard Ship. Co	Darien, R. P Vancouver, B. C.	Cristobal, C. Z Hull, England	Bananas	10
Appledore Tyrifjord Katrina Lucken-	3	4	Nor	Canadian Guli Line	Powell Riv., B. C.	Houston, Tex	Wheat, lum.	$9,400 \\ 3,507$
enbach.		4	Amer	Luckenbaeh Line	Seattle, Wash	New Orleans, La.	General	8,281
Lafcomo	3	4	Amer	AmerForeign Corp.	SanAntonio, Chile	New York, N. Y.	General	5,205
Harmonic	3 3	6	Brit	Dant & Russell	Everett, Wash	New York, N. Y. New York, N. Y. Hull, England	Lumber, pulp	6,518 6,576
Lafcomo. Harmonic Utacarbon ¹ Kansan City of Norfolk Santos ² Unicoi ² Portmar	3	5	Amer	Union Oil Co. Calif	Los Angeles, Cal.	Paulsboro, N. J Baltimore, Md New York, N. Y.	(20)	8,987 7,020
City of Norfolk.	4	5	Amer.	AmerHawaiian Line. Panama-Pacific Line.	Portland, Oreg S. Francisco, Cal.	New York N V	General	7,020 7,057
Santos 2	4	5	Swed	Johnson Line	Valparaiso, Chile.	Goth'burg, Swed.	(21)	5,243
	4	5	Amer	Johnson Line. Roosevelt S. S. Co. Calmar S. S. Corp.	Brisbane, Aust Seattle, Wash	Goth'burg, Swed. New York, N. Y. Philadelphia, Pa.	General	6,498 7,000
Clio ²	5	7	Neth	Royal Neth. S. S. Co.	B'ventura, Col	Cristobal, C. Z.	Lumber Coffee, hides	7,000
Tampa 2	2	5	Amer	Royal Neth. S. S. Co. Roosevelt S. S. Co	Adelaide, Aust Ocean Island	Montreal, Canada	General	2,409
Jersey ² Pericles ²	4	5	Brit Neth	British Phos. Comm. Chile Nit. Sales Corp.	Ocean Island	Liverpool, Eng	Phos. of lime	8,800
		31		Carlo Pares Corp.	Tocopilla, Chile	Jacksonville, Fla.	Nitrate	4,310

¹ Tanker. 2 Motor ship. 7 Suharine. 9 Destroyer. 13 For orders. 14 Lumber, woodpulp. 15 Raw sugar, cance, canned goods. 16 Sugar, cotton, hides. 17 Copra, coffee, cacao, nickel. 18 Sugar, silk, seed, oil. 19 Newsprint, shingles. 29 Solvents, Diesel oil. 21 Cottonseed oilcake.

PACIFIC TO ATLANTIC -- Continued

	rived	ared	Nation-	Line	P	ort	Cargo	•
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From	For—	Nature	Long
CoultarnBisca 1 2	4 5	6 6	Nor	Seaboard Shipping Co. Anglo-Saxon Pet. Co.	Los Angeles, Cal.	United Kingdom. Curacao, N. W. I.	Lumber Gas, keros'ne	5,050 S,621
Ingham	3	4	Amer.	U. S. Coast Guard U. S. Coast Guard	Pt.Angeles, Wash.	Boston, Mass		
Spencer Deerpool	5	7	Brit	Anglo-Can. S. S. Co.	Seattle, Wash Vancouver, B. C.	New York, N. Y. Hull, England	Wheat, lum	8,069
Nuevo Panama 2.	6	7777	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	75
Louisianan	5	6	Amer	AmerHawaiian Line.	Portland, Oreg	Bridgeport, Conn.	Lumber, gen.	7,304
Mussolini 2 Basilea 1 2	6	7 6	Pan	Enrique Obarrio	Darien, R. P.	Cristobal, C. Z.	Bananas	87
Puerto Rican	5	6		Standard Oil of N. J. AmerHawaiian Line.	Talara, Peru Los Angeles, Cal.	Malmo, Sweden. Philadelphia, Pa	Gasoline	13,245
Colombia 2	6		Pan	Flliot Ship. & Land Co.		Cristobal, C. Z.	Lum., potash Coffee	7,800
City of Delhi	6	8 7	Brit	Ellerman & Bucknall.	Napier, N. Z	Montreal, Canada	General	2,270
Modavia 2	6	8	Brit	Donaldson Line	Victoria, B. C	Glasgow, Scot	Fruit, gen	5,798
Porto Bello 2	6	6	Pan	A. Tagaropulos	Darien, R. P	Colon, R. P Philadelphia, Pa.	Lum., plant's	6
Kiyosumi Maru ² . West Kyska	6	8 7	Jap Amer.	Kokusai Kisen Kaisya		Philadelphia, Pa.	(13)	8,595
Jersey City	6	8	Brit	Waterman S. S. Corp. Seaboard Shipping Co.	So. Bend, Wash. Brit. Columbia.	Baltimore, Md Great Britain	Lumber Lumber	7,548
Ino 2		9	Neth	Royal Neth. S. S. Co.	Guayaquil, Esua.	Cristobal, C. Z.	Coffee, gen	541
Aconeagua 2	7 7 7	7	Chile	Cia Sud Amer, de Vap.	Valparaiso, Chile.	New York, N. Y.	General	5,139
Nero 2	7	9	Neth	Royal Neth. S. S. Co.	Tumaco, Colom	Cristobal, C. Z Cristobal, C. Z	_ (14)	216
Sambu 2	7	- 8	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	
Frijoles 5	1		Amer	Paul S. Wilson Paul S. Wilson	Ped. Miguel, C. Z Ped. Miguel, C. Z	Balboa, C. Z Balboa, C. Z	Tow, barge Ballast	
Barge		10	Brit	Australind S. S. Co	Pt. Pirie, Aust	Casa Blanca, Af.	(15)	8,567
Douro 2	5	10	Neth	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z	(16)	497
Losmar	7	S	Amer.	Calmar Line	Seattle, Wash	Philadelphia, Pa	Lumber	6,838
Northleigh	7		Brit	Seaboard Shipping Co	Vancouver, B. C.	S'ampton, Eng.	Lumber	8,200
Julia Luckenbach. Lockhatrine 2	7 7 7	8	Amer Brit	Royal Mail Lines	Seattle, Wash Victoria, B. C	Boston, Mass	(17) (18)	9,219 9,874
Pyro	7	9	Amer.	U. S. Navy	Bremerton, Wash.	Liverpool, Eng.	Navy gen	1,290
Ebba 2	8.7	8	Pan	H. Obarrio	Darien, R. P	Cristobal, C. Z	Bananas	43
North Star 2	7	8	Amer.	Dept. of the Interior.	Seattle, Wach	Boston, Mass.	General, dogs	113
Heranger 2	s.	8	Nor	Interocean S. S. Corp.	Portland, Oreg	Rotterdam, Neth.	(19)	6,786
Bennekom	8	9	Neth Jap	Chile Nit. Sales Corp. Kawasaki K. Kaisha	Valparaiso, Chile. Manila, P. I.	Charleston, S. C. Galveston, Tex.	Nit. of soda General	8,624
Bengal Maru	8	9	Jap	Nippon Yusen Kaisha	Muroran, Japan	Liverpool, Eng.	Can, salmon.	
Hunter Liggett 8.	6	10		U. S. Army	Balboa, C. Z.	New York, N. Y.	General	239
Svealand 2	8	9	Swed	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md	Iron ore	22,300
Trecarrell		9	Brit	States Lumber Co	Portland, Oreg.	Liverpool, Eng.	Lumber	4,100
Iowan	8 8	9	Amer.	AmerHawaiian Line.	Astoria, Oreg	Boston, Mass	General	7,168
Marymar Cymbula 1 2	9	10		Anglo-Saxon Pet. Co.	S. Francisco, Cal. Los Angeles, Cal.	Baltimore, Md. Curação, N. W. I.	(21)	7,820
Santa Inez 2	9	10	Amer.	Grace Line	Antof'gasta, Chile	New York, N. Y.	(22)	3,814
H. D. Collier 1	9	9	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I.	Furnace oil.	11,325
Sambu 2	9	10	Pan	Elliot Ship. & Land Ce.	Balboa, C. Z	Cristobal, C. Z.	Ballast	
Pennsylvania Sun. 1 2	9	10	Amer.	Sun Oil Co	El Segundo, Calif.	Marcus Hook, Pa.	Gasoline	17,506
Pontypridd	9	10	Brit	Bank Line, Ltd.	Townsville, Aust.	Montreal, Canada	Raw sugar	7,240
Liberty Glo	9	10		AmerForeign Corp.	Tacoma, Wash.	New York, N. Y.	Lumber	7,500
North Haven	10	10	Amer.	Northland Transp.Co.	Seattle, Wash	Boston, Mass	Can. salmon.	5,944
Acajutla	10		Brit	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, wood	197
Benjamin Frank- lin.	9		Nor	Fred Olsen Line	Seattle, Wash	Bergen, Norway.	General	6,713
Andrea F. Luck- enbach.	9	10	Amer.	Luckenbach Line	Seattle, Wash	Boston, Mass	General	11,544
Tungsha 2	10		Nor	Colonial Sugar Ref. Co.	Cairns, Australia.	Montreal, Canada	Sugar	8,563
San Simeon	10	10	Amer.	Pacific Atl. S. S. Co.	Los Angeles, Cal.	Baltimore, Md	Lumber, gen.	8,339
Sona 2	10	• • •	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	39
			- 1					

Tanker.
 Motor ship.
 Launch.
 Transport.
 Oil, sugar, silk, general.
 Copra, lead, general.
 Vory nuts, coffee.
 Lumber, canned and dried fruit.
 Canned goods, fruit, general.
 Wheat, lumber, general.
 Lumber, pulp, copper.
 Kerosene, solvent, lampblack.
 Metals, produce, fruit.

Information from American Consuls

The Consular officers of the United States at seaports all over the world are ex officio representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc.. at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed for reference.

cations of The Fanaha Cahar of Interest.

To reference.

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time by applying to the nearest American Consul.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies available for sale to ships.

Comparison of Traffic at the Suez and Panama Canals for Twelve Months Ended August 31, 1939 and 1938

		Suez	Canal		Panama Canal			
Month	Number of transits		Per	ent	Number of	transits	Per	cent
	1939	1938	Increase	Decrease	1939	1938	Increase	Decrease
September	508	522		2.7	438	444		1.
October	540	557		3.1	494	461	7.2	
November	495	526		5.9	505	435	16.1	
December	503	541		7.0	509	439	15.9	
January	472	544		13.2	525	444	18.2	
February	496	508		2.4	501	436	14.9	
March	536	578		7.3	553	506	9.3	
April	509	516		1.4	496	487	1.8	
May	50 8	479	6.1		506	465	8.8	
June	474	469	1.1		479	445	7.6	
July	471	509		7.4	485	429	13.1	
August	477	522		8.6	490	468	4.7	
Total	5,989	6,271		4.5	5,981	5,459	9.6	

Supplement to Tariff 13.—Coal

The Panama Railroad Company issued on October 11, 1939, supplement No. 3 to Tariff No. 13, making changes as shown below:

Item 21.—COAL (Effective November 1, 1939)

Paragraph 5 of Item 21 to Tariff No. 13 is annulled and the following substituted: 5. The prices of coal, regardless of quantity, and the rates for services in connection with its delivery are as follows: Per ton of 2,240 lbs.

(a) Coal delivered to vessels at Coaling Plants, trimmed in bunkers.	Cristobal- Colon \$7.75	Balboa \$10.75
(b) Coal delivered to vessels by lighters from Cristobal Coaling Plant, trimmed in bunkers	8.25	
A flat charge of \$52.50 for lighterage on any quantity delivered will be made in addition to the basic price per ton.		
(c) For sacking lump coal for galley use, or other grades of coal, in addition to the basic price per ton.		
Labor, etcSacks, when furnished by Coaling Plant	3.00 2.00	3.00 2.00
If delivery is made at points other than the Coaling Plant, an extra charge covering the cost of delivery will be made.		

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal,

Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts,

books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic

Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Consular Officers Accredited to Canal Zone

Name	Title	Address
T T TI	BELGIUM	6-1
J. J. Henriquez	Honorary Consul for Canal Zone BOLIVIA	Colon
Dr. Jorge Eduardo Boyd_	Honorary Consul General for Canal Zone	Panama
	BRAZIL	
Jorge D. Arias F Pedro Ernesto Arias I	Honorary Consul for Canal Zone Honorary Vice Consul for Canal Zone	Panama Panama
Lucy A. Coluc	COLOMBIA Consul General for Canal Zone from	
Juan A. Calvollilli	Balboa to Gamboa	Panama
Jorge Castaño Castillo (Consul General for Canal Zone from Cristobal to Gatun, including Gatun Lake	
	COSTA RICA	
Juan Dávila Solera	Honorary Consul General at Balboa for the Canal Zone	Panama
Enrique Pucci Paoli	for the Canal Zone Honorary Consul at Cristobal for the Canal Zone	Colon
	DENMARK	
	Honorary Consul for Canal ZoneHonorary Consul for Canal Zone	
	DOMINICAN REPUBLIC	
Manuel de J. Quijano H. J. Henriquez	Honorary Consul General for Canal Zone Honorary Vice Consul for Canal Zone	Panama Colon
T 4 A D = 1	EL SALVADOR	D
Roberto Boyd	Honorary Consul for Cana Zone Vice Consul for Canal Zone	Panama Panama
II I II	FINLAND	Calaa
Herman J. Henriquez	Honorary Consul for Canal Zone	Colon
Pierre H. de la Blanchetai	FRANCE Consul for Canal Zone	Panama
	GERMANY	
Ernest F. Neumann	Honorary Consul for port of Balboa,	D
Kurt Lindenberg	including Pacific part of Canal ZoneActing Consul for port of Cristobal	
Walther Schmidt	and the Atlantic part of Canal Zone	Cristobal
•	Atlantic part of Canal Zone during the absence of Kurt Lindenberg on leave for six	
	months from middle of May 1939 GREAT BRITAIN	Cristobal
Frederick E. F. Adam	Consul General for Canal Zone	Panama
Douglas Gerald Rydings Frank Butler	Consul for Canal Zone Vice Consul for Canal Zone	Panama Panama
	GUATEMALA	
	Honorary Consul for Pacific part of Canal Zone at Balboa.	Panama
Manuel J. Castillo	Honorary Vice Consul at Cristobal	Colon
	HAITI	6.1
Altred Joseph	Consul General for Canal Zone	Colon Panama

Name	Title	Address
Juan Francisco Arias F.	HONDURAS Honorary Consul at Balboa, Canal Zone	- Panama
Pedro Ernesto Arias I	HUNGARY Honorary Consul for Canal Zone	_ Panama
Yashichi Otani	JAPAN Consul for Canal Zone	- Panama
Silvio Salazar	MEXICO Honorary Consul for Canal Zone from Cristobal to Gorgona	_ Colon
David M. Sasso Julio A. Salas	NETHERLANDS, THE Honorary Consul General for Canal Zone Honorary Consul for Cristobal, Canal Zone	Panama Colon
	NICARAGUA	
Armando Pallais L Roberto Feuillebois	Consul General for Canal ZoneHonorary Consul for Cristobal, Canal Zone	Panama Colon
Tomás H. Jácome	NORWAY Consul at Balboa and Ancon, Canal Zone Consul for Canal Zone, except Balboa and Ancon	Panama Colon
,	PERU	
Dr. Luis Cuneo Harrison - Fernando Rodríguez Past	Consul General for Canal Zone Consul for Cristobal, Canal Zone	Panama Colon
	POLAND	
Luis Fernando Prada	Honorary Consul for Canal Zone	_ Colon
	SWEDEN	
Capt. Hans Elliot Julio A. Salas	Consul for Canal ZoneHonorary Vice Consul for Canal Zone	- Panama - Colon
Bernardo Suarez	VENEZUELA Consul General for Canal Zone	Colon
Demardo Samos 222222	Consul Conorul 101 Canus Bone	
Tolls Char	ges for Transit of the Panama Canal (Effective March 1, 1938)	
ships, and supply's Per net vessel-ton of 1 is, the net tonnage Measurement of Ve (b) Vessels in ballast wi Per net vessel-ton (c) Other floating craft, hospital ships, and Per ton of displaceme 2. Part transit: Vessels returning fro Canal, without pass tolls for one passag 3. Free transit: Vessels transiting the to Balboa and retu Balboa drydock an charge will be made	achts, army and navy transports, colliers, hosp hips, when carrying passengers or cargo— 00 cubic feet each of actual earning capacity—t determined in accordance with the Rules for issels for the Panama Canal———————————————————————————————————	hat the \$0.90
in the current tariff	or supplements thereto.	

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices to individuals and companies, as of October 7, 1939:

Commodities	Unit	Price
Brass, bar, average	Lb.	\$0.23
Brass, sheet, average		.30
Bronze, Tobin, average	Lb.	. 22
Gasoline, motor grade	Gal.	.11
Metal, yellow		.26
Oakum, Navy, spun		.19
Oakum, Navy, unspun		.18
Oil, gun and ice machine.	Gal.	.31
Oil, engine, gas, light, in drums, No. 2135.	Gal.	.28
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.32
Oil, engine, gas, extra beavy, in drums, No. 2250		.30
Oil, kerosene, in drums.		.11
Oil, marine, engine		.46
Paint, lead, white, dry		.11
Paint, lead, white, in oil	Lb.	.12
Paint, zinc oxide, dry		.09
Paint, zinz oxide, in oil	Lb.	. 12
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, medium		.07
Grease, yellow, cup, hard		.07
Soda, ash		.03
Waste, cotton, colored		.11
Waste, cotton, white	Lb.	13

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OUS FORCE FEED AND MOTOR CVIINDER

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication. Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating. - For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric loco-

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

se in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steamshovels, etc

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam.

For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather. Solvent.—Rust-preventing lubricant, for general use. Sperm.—Used principally by U. S. Navy.

THE PANAMA CANAL RECORD



PUBLISHED MONTHLY

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Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Balboa Heights, C. Z., November 15, 1939 Volume XXXIII

Traffic Through the Panama Canal in October 1939

The total vessels of all kinds transiting the Panama Canal during the month of October 1939, and for the same month in the two preceding years, are shown in the following tabulation:

	October 1939				October	
	Atlantic to Pacific	Pacific to Atlantic	Total	1938	1937	
Ocean-going commercial traffic. Small commercial vessels ¹ . Noncommercial vessels:	237 38	221 35	458 73	494 79	461 82	
United States Government. Colombian Government For repairs	23 1 1	21 1 2	$\begin{array}{c} 44 \\ 2 \\ 3 \end{array}$	27	33 1 2	
Total	300	280	580	604	579	

Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC 2

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the 12-month period ended October 31, 1939, as compared with the 12-month period ended October 31, 1938:

Month		. of sels		Canal net nage	Tons of cargo Tolls			
272 021021	1938-9	1937-S	1938-9 3	1937-S 4	1938-9	1937-8	1938-9	1937-8
November December January February March April May June July August September October		435 439 444 436 506 487 465 445 429 468 438 494	2,302,333 2,336,011 2,380,916 2,282,318 2,586,580 2,278,326 2,341,894 2,268,679 2,254,398 2,247,009 2,119,418 2,068,665	2,110,000 2,070,000 2,053,000 1,993,000 32,311,526 32,258,836 32,150,228 32,064,793 31,933,816 32,177,699 32,005,241 32,276,194	2,223,830 2,374,395 2,393,360 2,206,963 2,664,068 2,472,504 2,538,949 2,437,087 2,317,697 2,385,039 2,445,700 2,386,314	2,185,283 2,046,170 2,095,402 1,998,527 2,268,548 2,279,235 2,309,171 2,122,389 2,025,660 2,171,674 1,998,464 2,359,673	\$1,984,014,72 2,081,017,04 2,062,454,16 1,996,735,66 2,252,156,28 1,999,851,16 2,053,502,16 1,977,431,94 1,974,380,72 1,994,776,48 1,855,574,22 1,815,210,24	\$1,893,462.00 1,845,045.20 1,837,894.72 1,786,611.45 2,015,585.81 1,961,456.58 1,886,825.66 1,801,291.78 1,990,050.74 1,741,895.46 1,977,706.76
Total	5,964	5,486	27,466,547	25,404,333	28,845,906	25,860,496	23,967,104.78	22,332,033.69

² Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

³ Panama Canal net tonnage as figured under rules which became effective March 1, 1938.

⁴ Estimated tonnage under rules which became effective March 1, 1938.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons, (Panama Canal measurement), which transited the Panama Canal during the month of October 1939. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific. Pacific to Atlantic.	3S 35	1,421 1,486	\$1,112.04 1,275.48	775 1,392
Total	73	2,907	2,387.52	2,167

Traffic by Nationality of Vessels 5 for October 1939

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
British. Chilean. Danish. Egyptian. French. Greek. Honduran Italian. Japanese. Netherland Norwegian. Panamanian Penvian. Philippine Swedish United States Yugoslav.	683 3 17 1 1 9 17 4 4 27 28 60 20 20 1 1 11 171	447,390 15,046 59,280 4,239 42,798 6,486 23,336 157,624 35,116 274,268 42,244 2,259 4,805 48,245 828,307 3,194	\$394,609.92 13,541.40 51,538.86 3,815.10 38,518.20 65,015.28 5,837.40 21,002.40 141,861.60 30,226.86 235,465.38 33,568.74 2,033.10 4,324.50 40,509.00 731,042.82 2,299.68	447,294 13,165 62,257 7,564 35,634 4,180 9,612 205,891 \$ 27,304 321,995 27,926 2,135 6,907 69,175 1,036,539
Total	458	2,068,665	1,815,210.24	2,386,314

⁵ Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. ⁶ Includes 1 naval vessel of 5,835 displacement tons.

Traffic by Trade Routes for October 1939

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo is frequently laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

	Atlantic to Pacific			Pacific to Atlantic		
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal.	48	238,533	197,328	68	338,900	556,075
East coast United States and: Canada Central America/Mexico. South America. Hawaiian Islands. Australasia	1 4 25 5 6	6,871 5,875 102,071 23,590 37,105	7,404 36,431 10,774 34,795	5 3 23 5	20,182 4,263 92,141 23,609	34,889 450 207,564 40,865
Philippine Islands. Far East Canada intercoastal.	8 46	44,718 228,307	51,267 352,017	11 4 2	61,678 22,422 8,777	79,466 25,182 12,789
East coast Canada and: United States. Australasia. Far East Central America/Mexico intercoastal.	1 1 1 2	3,930 5,575 6,042	8,213 6,319 7,206	5 1 1 1	25,729 5,892 6,264 2,259	27,051 9,428 2,135
South America intercoastal. East coast South America and: United States. Canada. Far East.	1 1 1 1	4,032 4,551 5,425	5,046 4,237 8,520	1 1 1	1,400 4,573 5,399	2,748 9,002 7,928
Cristobal and: Central America/Mexico South America	5 19	3,436 15,691	2,011 9,070	5 16	4,433 9,873	924 7,736
West Indies and: United States. Canada South America. Balboa.	4 1 3 1	28,065 2,080 9,797 5,113	2,000 8,813 10,047	62	31,845 6,714	59,456 9,426
Europe and: United States. Canada. Central America/Mexico.	11 9 1	46,259 45,073 2,486	13,456 9,438	6 30	29,564 150,996	37,363 235,218
South America. Australasia Far East Around the world	11 11 3 2	57,369 90,271 14,525 14,734	21,787 24,301 13,596 9,752	11 7 4	59,250 48,309 21,122	\$6,860 50,642 28,293
Vessels not engaged in commerce. Foreign vessels in ballast (United States intercoastal)	21 4	18,615		2	11,985	
Total	237	1,071,086	854,824	221	997,579	1,531,490

⁷ Naval vessel.

Origin and Destination of Cargo by Major Areas, October 1939

The following table summarizes the origin of cargo passing through the Canal in October 1939, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

		1				
Origin	United States	Other North America	Asia	South America	Austral- asia	Total
North America: United States. Other North America Europe. Miscellaneous.	200,889 10,280 19,891 8,131	18,015 15,461 2,063 242	420,396 3,928 7,073 6,390	35,641 21,775 18,464 770	33,220 8,124 24,071	708,161 59,568 71,562 15,533
Total	239,191	35,781	437,787	76,650	65,415	854,824

PACIFIC TO ATLANTIC

Origin	United States	Other North America	Europe	Miscel- laneous	Total
North America: United States. Canada Other North America South America Australasia Asia Total	541,392 34,889 41,308 199,463 4,488 114,312	82,231 12,419 931 25,304 22,587 3,963	115,145 159,653 13 86,819 50,618 23,969 436,217	7,798 1,692 2,135 361 11,986	746,566 208,653 42,252 313,721 77,693 142,605

Principal Commodities

Commodities which aggregated 10,000 or more tons either during October 1939, or in October 1938, are listed below:

Commodity	Octo	ober	Commodity	October		
Commodity	1939	1938	Commodity	1939	1938	
Atlantic to Pacific Automobiles and parts. Canned food products. Cement. Chemicals. Coal and coke. Cotton, raw. Iron and steel. Machinery. Manufactured goods * Metals, various. Oils, mineral. Ores. Paper Phosphates. Scrap metal. Sulphur Linplate.	9,453 14,187 2,419 11,241 28,089 33,688 124,753 13,058 15,270 22,083 131,199 15,479 24,132 21,669 170,150 23,822 211,277	14,776 13,466 10,897 10,050 11,423 15,387 136,746 16,249 12,534 83,049 85,154 1,299 40,095 1,700 13,573 11,792	Pacific to Atlantic Barley Beans, edible, dry Canned food products. Coffee Cold storage (food products) 9. Copra Cotton, raw. Flour Fruit, dried. Fruit, fresh 10 Lumber Metals, various Nitrate Oils, mineral Oils, vegetable Ores Potash Soy beans Sugar	13,823 14,544 202,063 11,248 16,795 12,640 9,209 11,413 51,612 8,246 333,826 51,439 61,332 191,560 19,188 164,052 14,605 4	16, 924 17, 860 160, 416 11, 875 24, 359 9, 998 13, 414 12, 633 55, 686 36, 189 253, 041 59, 679 148, 260 248, 877 14, 829 160, 088 14, 647 11, 311 125, 043	

⁸ Except as otherwise classified.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of October 1939, as reported in the cargo declarations showing the movement by direction, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise, but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

⁹ Except fresh fruit.

¹⁰ Except bananas.

		States oastal	routes i	all trade ncluding ercoastal
${f Commodity}$	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts. Agricultural implements.	239	5 28	2,005	19 32
Alfalfa meal	93	146	6,196	281
Animal foods 11. Apparel, wearing (hats, shoes, clothing, etc.)	51 43 490	96	51 43 4,134	96 49 1
Asphalt and tar Automobiles (and autotrucks)	177 675	5 8	3,971 3,988	17 12
Automobile parts and accessories Bags and bagging, textile	520 151	211	5,465 485	331
Bamboo and products. Bananas				592 1,986
Barks, miscellaneous. Barley		103 204		407 13,823
Beans, edible, dry. Beer	29	10,080	90 306	14,544 320
Blood and tankage Books and printed matter.		296 404	234 30	313 314
Borax Bran and pollards Bricks and tile	181	22	$\begin{array}{c} 2\\21\\1,359\end{array}$	6,909 1,266 122
Camphor, crude. Canned and preserved goods:				273
Fish. Fruit	648 1,315	29,832 53,041	1,358 1,385	57,418 95,962
Meat Milk	119	667 75	2,198 548	1,539 225
Soup. Vegetables Miscellaneous and unclassified.	4,535 561	185 22,299	4,641 735	419 22,906
Carbon black	2,647 56	21,587	3,322 1,016	23,594 224
Celite Cement Chalk	203	46 71	2,419 1,026	46 149
Charcoal	73 3,482	39 469	73 11,241	30 2,801
Chemicals ¹¹ Clay, china and fire Clay, filtering	691	54 238	881	75 754
Coal. Cocoa and cacao beans. Coconuis and products ¹¹ .	2,314 133	· · · · · · · · · · · · · · · · · · ·	21,728 990	5,000 843
Coffee	159 85	467 377	254 5,829	2,202 11,248
Coke	375		6,361	16
Dairy products. Eggs. Fish.	11 87	61	360	6,961 75 440
Lard Meats	721		949 46	60 8,134
Vegetables Other and unclassified	482	210 747	490	352 773
Confectionery.	1,720		1,725	22 12,129
Copra meal aud cake Corn			2,645	511
Cotton, raw		251 131	33,688 1,380 22	9,209 287
Dyes. Earthenware.	22	16	143	13 206 26
Eggs, dried Electrical apparatus and appliances Enamel and metalware	1,366 386	144	2,356 755	274 176
Explosives. Extract, quebracho.	31	5	106 155	93
Fertilizers 11 Fish, salted or dry-cured.	948	11	1,752 81	1,321 220
Fish meal	2,493	1,227	2,673	3,373 1,234
Flour. Fruit, dried	31	8,659 26,531	852 45 241	11,413 51,612 8,246
Fruit, fresh ¹¹ . Furniture and household goods. General	552 11,221	912 4 3,764	554 40,174	13,821
Glass and glassware	1,349	71 313	3,936	709
Grains 11. Groceries.	3,264	1,057	3,769	100 1,178
Gums. Hair, all kinds.		91 62	11 241	233 261

11 Except as otherwise classified.

	United intere	States oastal	Total for routes in U. S. into	cluding
Commodity	Atlantic	Pacific	Atlantic	Pacific
	to Pacific	to Atlantic	to Pacific	to Atlantic
7		54	25	204
Iay. Iemp, unmanufactured	18	147	432	2,305
Ioney		134		295
Iorns and hoofs	90	117	96	13
nfusorial earthron and steel, manufactures of (structural steel, plates, bars, angles,	26	117	26	1,000
pipe, etc.)	68,060	497	124,753	617
vory nuts. ute, unmanufactured.			9	1,900
ute, unmanufactured	162 78	48	178 78	49
ard substituteime	45	• • • • • • • • • • • • • • • • • • • •	239	
iquors	2.463	240	3,010	285
iquors. umber (including manufactured mill products)	2,876	172,265	4,058	333,826
Inchinory	1,437	241	$13,058 \\ 25$	1,299
latin Ianufactured goods ¹¹ . Iarble and granite	5.895	896	15,270	2,269
Parble and granite.	19		224	
1atches	121	94	334	94
letals:	50		67	
Antimony	655	1,529	7,585	29,898
Copper Gold and silver			1	75
Iron	3,359	50	5,199	50 10,697
Lead. Tin	54 264	546 314	2,121 461	2,588
Zine	250		2,119	5,752
Zinc Other and unclassified	376	36	4,530	2,379
filk nowdered	17 413	141	128 493	201
10lasses and syrups	2,200		6,603	61,333
Nitrate Nuts, edible (including meats).	123	560	186	1,319
Dats	129	116	193	2,081
Oils, mineral:		95 959	44,880	35,670
Crude	23	25,353 31,867	31,838	79,977
Gas and fuel. Gasoline, benzine, and naphtha.	33	31,867 32,508	11,835	50,902
Kerosene	9	4,112	185	20,132
Lubricating and greases	15,353	930 3,784	42,321 140	962 3,917
Other and unclassified		0,104	140	0,011
Coconut				9,994
Linseed	20	2	48 159	158
Olive Peanut		155	159	1,28
Rapeseed		1		1,200 140
Teaseed				140
Wood Other and unclassified	303	30	116 806	1,559 4,843
Oil fish	48	1,754	162	2,10
Oil, fish. Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)		182	1,441	2,10 1,24
Oilseed cake and meal	1,200		1,200	9,47
Ores: Antimony		57		1,25
Chrome		1		8,90
Copper Gold and silver		447	8,213	77
Gold and silver				132,23
Iron. Lead.			631	50
Magnesite		2,942		2,96
Manganese	. 2,001	362	2,550	36
Tin				7,68 4,44
Zinc	8	372	4,083	4,53
Paints and varnishes	. 942	332	2.039	33
Paper and paper products 11	. 8,845	4,727	24,132	9,10
Peanuts	. 578	118	578	51 13
Peas, dry	. 9		9	1
Phosphates.	2,091	849	21,669	9,64
Plaster		118	117	4.90
Porcelainware	. 150	14,069	464 408	14,60
Potash. Pyrethrum flowers.				63
Rags and waste	. 224		944	28
Railroad material	512	. 6	3,723 512	6,10
Rice	410	2,525 48	469	8
Rope and twine				3

 11 Except as otherwise classified.

Commodity	United interc	States oastal	Total for routes in U. S. int	all trade acluding ercoastal
Commonity	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rubber: Manufactured. Raw. Scrap. Salt. Sand. Seads (except oilseeds) Shells, oyster. Silk, raw. Skins and hides. Slag. Slate. Soaps and products. Soaps and products. Soad and sodium compounds: Soda ash. Soda ash. Soda caustic. Miscellaneous and unclassified. Soy beans. Spices. Sugar. Sulphur. Tale. Tallow. Tea. Tallow. Tea. Textiles 12 Timplate. Tobacco and manufactures. Toilet preparations. Turpentine. Vegetables, dry 1 Wallboard. Wax, paraffin. Wheat. Wines. Wood pulp. Wool. Total, October 1939. Total, October 1938.	95 18 176 55 293 4 1,521 1,605 95 336 411 47 205 40 21,266 69 16 2,566 149 20 237 131 363 329 23 200,889	1,793 1,793 1,793 1,793 1,578 1,578 133 77 1,578 18,932 1,245 98 49 138 1,925 21,357 21,357 896 541,392 402,184	3,602 3,500 2,327 7,488 2,023 170,150 128 293 67 100 1,521 1,996 405 1,532 1,409 47 272 167 23,822 20 95 51 51 51 51 7,809 903 25 41 41 41 1,277 3,648 21 41 41 1,971 1,971 1,971 1,991 230 854,824 746,178	119 3,272 45 2,293 1,100 499 1,164 507 3,316 3,516
Total, October 1937	234,845	445,342	860,074	1,578,714

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of October 1939:

		Atlantic to Pa	eific		Pacific to Atla	intic
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	7	43,136	9,184	10	62,089	102,777
South America Hawaiian Islands	1	5,771 3,732	9,988			
Philippine Islands	3	23.162	43,648	1	3,864	13 6,721
Far East. Central America/Mexico intercoastal		20,102	40,010	1	6,264	
West Indies and: United States	4	28,065		5	26,422	53,436
South America	2	6,714 5,113	8,813 10,047	2	6,714	9,426
Europe and: United States	2	12,790				
South America	2	14,424		2	12,915	24,244
Total	23	142,907	81,680	21	118,268	196,604

¹³ Coconut oil.

¹¹ Except as otherwise classified. 12 Cotton, silk, wool, rayon goods.

Comparison of Canal Traffic in October 1939, with October Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

		Month of Oct	ober		Average per month for fiscal year			
Calendar year	endar year No. Panama Tons Fiscal year of transits tonnage cargo		Fiscal year	No. of transits	Panama Canal net tonnage	Tons of cargo		
1914 14 1915	83 151 164 181 191 226 249 291 420 383 406 435 551 543 554 506 384 467 443 441 482 461 494	(000 omitted) 298	(000 omitted) 425 	1915 15 1916 1917 1918 1919 1920 1922 1922 1924 1925 1926 1927 1928 1929 1930 1931 1933 1934 1935 1936 1937 1938 1938 1938	100 60 145 165 162 199 232 222 325 429 382 424 441 521 524 45 447 436 436 432 449 467 467	(000 omitted) 334 447 506 472 659 879 880 1,434 2,016 1,761 1,909 2,020 2,269 2,299 2,140 1,820 1,758 2,201 2,140 2,143 2,160 2,139 2,163 2,264	(000 omitted) 466 258 588 687 576 781 966 907 1,631 2,249 1,996 2,111 2,468 2,554 2,552 2,089 1,550 2,109 2,211 2,209 2,311 2,209 2,531 2,222 2,322 2,322	

¹⁴ Canal opened August 15, 1914.

Terminal Activities

Ships repaired during the month of October 1939, numbered 76. Vessels released from drydock numbered 9. Fuel oil amounting to 403,975 barrels was delivered as bunkers to 163 commercial vessels. Bunker coal amounting to 16,076 tons was delivered to 39 commercial ships. Sales of commissary supplies to ships aggregated \$39,476.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving. tons. Local cargo shipped tons. Cargo received for transshipment tons. Cargo transshipped tons. "Cango transshipped" tons. "Cango transshipped" tons.	37,840	15,155	52,995
	2,295	748	3,043
	50,430	641	51,071
	51,553	86	51,639
Number of receipts issued. Number of releases issued. Tons received. Tons_withdrawn.	6	2	8
	36	26	62
	107	13	120
	69	18	87

All Vessels Entering and Clearing Port

		Port of Cris	tobal	Port of Balboa			
	No.	Registered	Registered	No.	Registered	Registered	
	of	gross	net	of	gross	net	
	ships	tonnage	tonnage	ships	tonnage	tonnage	
Ships entering All vessels, including those transiting Canal. Vessels entering port but not transiting Canal. Vessels transiting Canal and handling passengers and cargo at terminal ports	536	3,159,619	1,876,392	497	2,854,674	1,715,924	
	54	312,798	165,152	13	50,001	31,000	
	122	670,775	400,271	89	574,788	334,944	
Ships clearing All vessels, including those transiting Canal. Vessels clearing port but not transiting Canal. Vessels transiting Canal and handling passengers and cargo at terminal ports		3,148,216 321,560 643,602	1,870,339 170,119 384,518	491 13 89	2,811,471 54,038 570,572	1,685,204 33,531 332,905	

¹⁵ Average for 10½ months.

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight October 10, 1939, to midnight November 10, 1939. Figures after names of vessels show, respectively, tons discharged and tons

CRISTOBAL

Breda, 451, 2,997
Jamaica, 72, 547
Santa Elena, 239, 353
Comm. Ramel, 7, 0
Samuel Bakke, 29, 696
Reference, 187, 1
Sanyo Maru, 383, 55
Cleridan, 8, 0 U. S. A. T. Republic, Colombia, 3, 0 618, 28 Colombia, 135, 426 City of San Francisco, Ancon, 4,161, 956 11, 0 Quirigua, 164, 736 Quirigna, 164, 736 Draco, 236, 589 Ulua, 578, 146 Abraham Lincoln, 93, 259 Telde, 32, 390 Sambu, 0, 165 Rialto, 187, 1 Pereira, 458, 0 Colombia, 0, 895 Cristobal, 4,351, 426 Floridan, 8, 0 Amerikaland, 0. 2 Nero, 38, 134 Salvador, 0, 275 Cristobal, 4,351, 426 Sta. Barbara, 486, 4 Talamanca, 203, 398 Santos, 0, 220 Cho, 520, 240 Santa Rita, 271, 31 Simon Bolivar, 5, 872 Sarvador, 0, 275 Sambu, 0, 165 West Camargo, 92, 518 San Lucas, 1,048, 1 Contessa, 1,515, 163 Arica, 5, 0 Nagara Maru, 749, 82 Manto, 47, 319 Marchen Macrsk, 1,015, Fella, 672, 221 229 Benekom, 3, 0 Musa, 2,202, 0 Olaneho, 452, 457 City of Norfolk, 603, 8 Antigua, 131, 674 Cadmus, 43, 52 Unicoi, 211, 0 San Diego, 79, 0 San Diego, 79, 0 Hunter Liggett, 896, Nemours, 0, 1 228 Carrillo, S13, 454 Musa, 2,202, 0 City of Los Angeles, 6, City of Delhi, 0, 2
Pereira, 7, 576
Kiyosumi Maru, 495, 0 Cadmus, 43, 52
Nero, 233, 554
Unicoi, 211, 0
Buenos Aires, 77, 216
Tamma, 31, 0
Lochkatrine, 100, 161
San Diego, 79, 0
Hunter Liggett, 896, City of Delhi, 0, 2 Nero, 233, 554 Buenos Aires, 77, 216 Lochkatrine, 100, 161 Veragua, 36, 720 Oregon Express, 8, 23 Santa Inez, 220, 0
Titanian, 0, 1
Trajanus, 0, 2,798
Benj, Franklin, 17, 271
Platano, 1,717, 27
Scorates, 135, 728
Mayari, 0, 62
Avansai Maru, 198, 313
Orotava, 768, 955
Comoyagua, 311, 005
Platano, 30, 0

Colombia, 524, 778
Modavia, 0, 22
De La Salle, 115, 1,684
Margaret Lykes, 52, 0
Losada, 1, 50
Pygmalion, 282, 2,766
Sta. Barbara, 250, 113
Chiriqui, 180, 814
Sona, 0, 27
Santa Rosa, 257, 787
Santa Marta, 805, 126
Colombia, 1,285, 344 Santa Rosa, 257, 787 Macabi, 0, 716 Maui, 6, 0 Comoyagua, 311, 005
Platano, 30, 0
Maui, 6, 0
Maui, 6, 0
City of Baltimore, 679, Acajutla, 209, 0
1
Barne, 3,763, 543
Barne, 3,763, 543
Colombia, 986, 787
Chester Valley, 711, 484 Colombia, 1,285, 344 Douro, 17, 0 Douro, 17, 0 Ciss, 0, 685 Cellina, 307, 10 Sea Thrush, 434, 0 Jamaica, 148, 218 San Gabriel, 674, 12 Barne, 3,763, 543 Colombia, 986, 787 Istmo, 190, 40 Sambu, 0, 73 Cacique, 62, 374 Hardanger, 25, 591 Scottish Star. 92, 0

Axel Johnson, 173, 109 Sawokla, 250, 0 Nevadan, 5, 0 City of Norfolk, 8, 0 Tropic Star, 0, 11 Pasajero, 0, 15 Maranon, 0, 121 Lagarto, 0, 27 Santa Inez, 430, 65 Colombia, 1,136, 787 California Express, 0, Colombia, 18, 1,873 Toloa, 804, 43 Tai Ping Yang, 890, 0 Orotava, 8, 518 Orotava, 8, 518 Flevo, 0, 22 Nero, 492, 642 City of Baltimore, 15, 0 Skramstad, 0, 10 American Press, 1,560, Salvador, 1, 165 Santa Rosa, 320, 338 Santa Rosa, 320, 338 Santa Rita, 297, 150 Winnipgs, 3, 0 Komaki Maru, 486, 0 Orduna, 23, 0 Amerikaland, 0, 6 Acajutla, 1, 379 Duro, 362, 383 Santa Clara, 632, 69 Susakad, 0, 2 Svealand, 0, 2 Oropesa, 383, 2 Oropesa, 353, 2 Ciss, 176, 0 Francis R. Hart, 0, 2 Musa, 2,039, 205 Kongo Maru, 468, 0 Panama, 5,212, 644 Wisconsin, 126, 47 Real, 0, 35

Nero, 299, 625 Lara, 100, 1 Colombia, 45, 41 Lexa Maersk, 330, 95 Greta Maersk, 0, 145 Manto, 332, 333 Olancho, 1,022, 399 Santa Elena, 262, 863 Real, 0, 42 Cefalu, 997, 323 Arima Maru, 801, 125 Arima Maru, 801, 12: Salvador, 134, 0 Siamese Prince, 0, 1 Platano, 1,928, 218 Cristobal, 5,360, 650 Chitolal, 3,300, 300 Aconcagua, 1, 259 Santa Maria, 395, 1 Telde, 654, 676 Nuevo Panama, 156, 0 Nuevo Fanama, 150, 0 Sofie Bakke, 1,136, 0 U. S. A. T. Hunter Liggett, 2,237, 40 Talamanca, 165, 679 Ville D'Amiens, 0, 16 Ville D'Amiens, 0, Draco, 601, 173 Tai Ping, 13, 0 Douro, 371, 554 Alabama, 95, 26 Cacique, 248, 664 Fortuna, 0, 160 Veragua, 126, 251 Nemours, 0, 211 Comayagua, 618, 240 Greystoke Castle, 0, 34 Contessa, 1,038, 367 Disa, 1,404, 0 R. L. Hustler, 2, 0

BALBOA

Rangiuki, U, 1
Comm. Ramel, 1, 0
Utaearbon, 2, 0
Rialto, 0, 1
Aeoneagua, 10, 0
City of Los Angeles, 0, 2
Samuel Bakke, 0, 1
Kiyosumi Maru, 1, 0
Colombia, 0, 1
Kongo Maru, 3, 0
Colombia, 0, 1
Kongo Maru, 3, 0
Colombia, 0, 1 Samuel Bakke, 0, 1
Kiyosumi Maru, 1, 0
Colombia, 0, 1
Santa Inez, 2, 1
U. S. A. T. Republic, 1,094, 91
Canadian St. Canadian Star, 0, 31 Pirre, 40, 0

 Marchen Maersk, 200, President Adams, 13, 0 Venice Maru, 121, 15

 0
 Rangitane, 198, 0
 Esso Copenhagen, 0, 5

 Rangitiki, 0, 1
 Santa Clara, 58, 0
 British Columbia, Express, 584, 2

 Comm. Ramel, 1, 0
 Colombia, 0, 1
 Colombia, 0, 1

 Kialtto, 0, 1
 Acajutia, 0, 3
 California Express, 4, 0
 President Adams, 13, 0 venice Maru, 124,
Rangitane, 198, 0
Santa Clara, 55, 0
Tamerlane, 2, 0
Colombia, 0, 1
Cajiutla, 0, 3
Santa Barbara, 155, 7
Santi Gobain, 0, 1 Istmo, 22, 0 Colombia, 0, 1 Salvador, 0, 1 Santa Barbara, 3, 0 City of Norfolk, 2, 0 U. S. A. T. Hunter Liggett, 2,661, 458 Heranger, 1, 0 Benj. Franklin, 229, 0

Annie Johnson, 2, 0 Amerika, 2, 0 City of San Francisco, City of Baltimore, 5, 0 Cacique, 0, 4
Esso Panama, 130, 0
Lexa Maersk, 332, 0
City of Norfolk, 1, 6 Canadian Recfer, 2,468, Oropesa, 0, 1

Colombia Star, 1, 0

Percira, 0, 1

Virgilio, 0, 3 Acajutla, 2, 0 Fella, 1,306, 0

Vinland, 252, 0

Copiapo, 1, 0 Ciss, 0, 7 Salvador, 4, 0 City of Newport News, 558, 0 Santa Inez, 187, 11 Aconeagua, 0, 2 Maui, 315, 0 U. S. A. T. Hunt Liggett, 2,040, 54 Hunter City of Baltimore, 2, 9 Santa Rita, 1, 27 Esso Panama, 0, 30 U. S. A. T. Chateau Thierry, 1,619, 0 Komaki Maru, 2, 0 Salvador, 0, 1

Note.-Figures shown represent short tons of 2,000 pounds.

Passengers

Colombia, 1, 0

During October 1939, ocean ship passengers debarking at Cristobal numbered 3,645, embarking 1,770; at Balboa, 1,938 debarking, 963 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 4,444; from the Commercial aircraft numbering 68 entered Cristobal Pacific to the Atlantic 1,830. with 294 passengers debarking; clearances were 66 with 314 passengers embarking. Balboa entries of aircraft numbered 53, with 125 passengers debarking; clearances were 53, with 152 passengers embarking.

Movements of Ocean Vessels Through the Panama Canal From midnight October 10, 1939, to midnight November 10, 1939

ATLANTIC TO PACIFIC

ATLANTIC TO PACIFIC									
	rrived	leared	Nation-	Line	Pe	ort	Cargo		
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons	
Oregon Express 2.	9	16	Nor	Fruit Express Line	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	2,000	
Magister Thorsholm 1 2	10 10	11	Brit Nor	J. S. Webster & Sons. A. S. Thor Dahl	Turks Is., B.W.I. New Orleans, La.	Vancouver, B. C. Yokohama,Japan	Salt	14,079	
Nanier Star	10	11	Brit.,.	Blue Star Line	Newcastle, Eng	New Zealand	Ballast Cotton	111111	
Fernbank 2	10 11	11 12	Nor Amer	Fern Line	Houston, Tex Boston, Mass	Shanghai, China. Antof'gasta, Chile	Ballast	4,050	
Fernbank ²	11	12	Brit	Shaw, Savill & Albion U. S. Navy	Livernool Eng	Auckland, N. Z	General	5,166	
Nitro 13 Santa Lucia	10 11	13 12	Amer	Grace Line	Norfolk, Va	San Diego, Calif. SanAntonio,Chile	General	3,694 4,079	
Sambu 2	9	11	Pan	Grace Line Elliot Ship. & Land Co.	Norfolk, Va. New York, N. Y. Cristobal, C. Z. Cristobal, C. Z.	Pto. Arm'les, R.P.	General	100	
Sona ² . Sargo ⁷ . Mayari.	10 8	12	Pan	Elliot Ship, & Land Co.	Cristobal, C. Z Washington, D.C.	Balboa, C. Z San Diego, Calif .	Ballast		
Mayari	11	12	Pan	U. S. Navy United Fruit Co	Boston, Mass	Pto. Arm'les, R.P.	Ballast General	2,740	
Nicolaou Ourania.	11	12 12	Greek. Amer	S. Bonomo	New York, N. Y. Boston, Mass	Kenjsho, Japan Portland, Oreg	Scrap iron General	8,915	
Arkansan Marore	11	12	Amer.	AmerHawaiian Line. Ore S. S. Corp.	Baltimore, Md	Cruz Gr'de, Chile	Ballast	2,000	
Scottish Star 9	-27	12	Brit	l Blue Star Line.	Tyne, England	Vancouver, B. C.	Danast		
	11	12	Amer	U. S. Navy. Union Sulphur Co	Cristobal, C. Z Galveston, Tex	Vancouver, B. C. Balboa, C. Z Portland, Oreg	Ballast Sulphur	6,854	
Pasat	12 12	13 13	Nor	T. B. Torgersen & Co	Rotterdam, Neth.	Far East Portland, Oreg	Ballast	3,817	
Pasat	12	13	Swed Nor	Johnson Line Mitsubishi Shoji K	Goth'burg, Swed. New Orleans, La.	Osaka, Japan	General Crude oil	15,153	
Tameriane 2	12 13	13	Nor	W. Wilhelmsen Line	Goth'burg, Swed. Aruba, N. W. I	Singapore, St. Set.	Fuel oil	6,463	
Emidio ¹	13	15 13	Amer	General Pet. Corp Luckenbach Line	Boston, Mass	Los Angeles, Cal. Seattle, Wash	General	10,047	
Lidvard 2 Bachaquero 1	13 11	13	Nor Brit	L.I.Mach.&Equip.Co. Standard Oil of N. J	Norfolk, Va. S. Nicolas, N.W.I.	Moji, Japan Balboa, C. Z	Scrap iron Drydocking.	8,521	
Orotava	12	14	Hond	United Fruit Co	New Orleans, La.	La Union, Salv	General	1,883	
Pacific Exporter ² Mussolini ²	13 13	14	Brit Pan	Furness, Withy & Co. E. Obarrio	Manchester, Eng. Cristobal, C. Z.	Vancouver, B. C. Balboa, C. Z	General Ballast	342	
President Adams.	14	14	Amer.	AmerPresident Lines	Boston, Mass	Round the world.	(16)	4,312	
Massmar Columbia Star ²	14 13	14 16	Amer Brit	Calmar Line Blue Star Line	Baltimore, Md	Seattle, Wash Vancouver, B. C.	Gen., steel Ballast	6,908	
Abraham Lincoln 2	13	14	Nor	Fred Olsen Line	Tyne, England Oslo, Norway Cristobal, C. Z New York, N. Y.	Seattle, Wash	Nitrate, gen	4,243	
Draco ² Marna	12 13	14 14	Neth Dan	Royal Neth. S. S. Co. J. Lauritzen.	Cristobal, C. Z.	Guayaquil, Ecua. Talcahuano, Chile	General	2 337	
Tamaroa	13	15	Brit	Shaw, Savill & Albion	London, England	Auekland, N. Z.	General	2,337 3,212	
Winslow 5 Maine	12 11	15	Amer	U. S. Army CalifEastern Line	Cristobal, C. Z Jacksonville, Fla.	Auekland, N. Z Gatun, C. Z Portland, Oreg	Tow. barge General	4,708	
winona	14	15	Amer.	Pac. Coast Dir. Line.	New York, N. Y. New York, N. Y.	Tacoma, Wash	General	4,950	
City of San Fran-	15	15	Amer	Panama-Pacific Line	New York, N. 1.	S. Francisco, Cal.	General	3,087	
Kahuku	14	15	Amer.	Isthmian S. S. Lines	New York, N. Y. Baltimore, Md	Seattle, Wash Cruz Gr'de, Chile	General	5,339	
Steelore	14 14	15 15	Amer	Ore S. S. Corp Nippon Yusen Kaisha	Antwern Belgium	Kobe, Japan	Ballast General	7,133	
Colombia 2	13	15	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z. New York, N. Y. Mobile, Ala	B'ventura, Col Guayaquil, Ecua.	General	844 372	
Caeique Armathia	14 14	15 16	Amer Greek.	Grace Line	Mobile, Ala	Yokohama, Japan	General Scrap iron	6,798	
American Robin.	15	16	Amer	McCormick S. S. Co	Philadelphia, Pa.	Seattle Wash	General	7,075	
Trajanus	8 12	16	Neth Amer	Royal Neth. S. S. Co. U. S. Navy. Elliot Ship. & Land Co.	Newport, Eng Cristobal, C. Z Cristobal, C. Z	B'ventura, Col Balboa, C. Z Balboa, C. Z	General Ballast	2,260	
Pirre 2	14 13	15	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co	Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z. Pto. Arm'les, R.P.	Ballast General	62	
Pirre ² . Real ² . Ferncliff ² . Kano Maru ² .	15	16	Nor	Chile Nit, Sales Corp.	Mobile, Ala	Tocopilla, Chile.	Ballast		
Kano Maru ² Nuevo Panama ² .	16 16	16 16	Jap Pan	Kokusai Kisen Kaisya Colombiana Cabotaje.	Baltimore, Md Cartagena, Col	Tokuyama, Japan	Cotton, oil Salt, gen	7,206 218	
Ebba 2	16		Pan	H. Obarrio	Cristobal, C. Z.	Tumaco, Colom Balboa, C. Z	Ballast		
Mount Pera Manto ²	15 15	16 16	Greek. Neth	L.I.Mach.&Equip.Co. Royal Neth. S. S. Co.	Norfolk, Va Curacao, N.W.I	Yawata, Japan. B'ventura, Col	Scrap iron General	6,764 468	
K I Luckenbach	16	17	Amer	Luckenbach-Gulf Co.	Chester, Pa Cristobal, C. Z	Seattle, Wash	General	7,148	
Sona ² Porto Bello ³	14	16 17	Pan Pan	Elliot Ship. & Land Co. A. Tagaropulos	Cristobal, C. Z Cristobal, C. Z	Pto. Arm'les, R.P. Real, R. P	General	60	
San Lucas	14	17	Amer	States S. S. Co	Norfolk, Va	Portland, Oreg	General	3,971	
Eskbank ² Cathwood ¹	16 16	17 17	Brit	Bank Line, Ltd Union Oil of Calif	Philadelphia, Pa. Baltimore, Md	Snangnai, China.	General Ballast	3,258	
Kainalu	17	17	Amer	Matson Nav. Co	Philadelphia, Pa. Cristobal, C. Z.	Los Angeles, Cal. Honolulu, T. H.	Ballast General	1,493	
Axios	10 17	17 17	Brit Greek	Pacific Steam Nav. Co. Mitsui Line	New Orleans, La.	Champ'ieo, Guat. Yawata, Japan	General Scrap iron	367 7,320	
Oropesa Southern Prince ²	16 17	18 18	Brit	Pacific Steam Nav. Co. Furness, Withy & Co.	Liverpool, Eng.	Valparaiso, Chile. Portland, Oreg	General	1,877	
Steel Mariner	17	18	Brit	Isthmian S. S. Lines.	Liverpool, Eng. New York, N. Y. New York, N. Y.	Singapore, St. Set.	Ballast General	8,228	
Edwin Christen- son.	18	18	Amer	Sudden & Christenson	Baltimore, Md	Seattle, Wash	General	3,000	
Caledonia 1 2	18	19	Nor	Lorentzens Rederi Co.	Corpus Ch'ti, Tex.	Yokohama, Japan	Crude oil	14,416	

Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launeh. ⁷ Submarine. ¹⁰ Mine sweeper. ¹³ Auxiliary.
 ¹⁴ Gunboat. ¹⁵ Wood pulp, general. ¹⁶ Tinplate, rope, etc.

				ATBANTIC TO FA				
	rrived	cleared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date o	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Norvik 1 2	18 18	19 18	Pan	Anglo-Saxon Pet. Co.	New York, N. Y. Albany, N. Y Boston, Mass	California	Ballast	
Harpoon Nevadan	18	18	Amer.	Shepard Line AmerHawaiian Line.	Boston, Mass	Seattle, Wash Portland, Oreg Balboa, C. Z Cristobal, C. Z	General	5,362 4,204
Sambu 2	17		Pan	Elliot Ship. & Land Co.	Cristobal C. Z.	Balboa, C. Z	Ballast	
Sambu ² San Pedro ² Socrates ²	18 19	19	Amer Neth	P. E. Ballistero Chile Nit. Sales Corp.	Curação N. W. I.	Tocopilla Chile	Ballast Ballast	
L-53 5	5		Amer	U. S. Army	Gatun, C. Z. Curacao, N. W. I. Cristobal, C. Z.	Tocopilla, Chile Gatun, C. Z Yawata, Japan	Tow. barge	
Stamos Port Nicholson	19 19	20 20	Greek.	Livanos Co	New Orleans, La.	Yawata, Japan	Scrap iron	6,764
Salawati 2	19	20	Brit Neth	Port Line, Ltd Silver Java Pac. Line.	Savannah, Ga New Orleans, La.	Brisbane, Aust S. Francisco, Cal.	General Ballast	7,525
J. L. Luckenbach.	20	20	Amer	Luckenbach Line	Roston Mass	Seattle, Wash	General	4,298
Santa Barbara 2	19 20	21 20	Nor	Grace Line	New York, N. Y. Baltimore, Md Antwerp, Belg	SanAntonio, Chile	General Scrap steel	2,713 7,200 4,103
Wisconsin	19	21	Fr	French Line	Antwerp, Belg	Kobe, Japan Vancouver, B. C.	General	4,103
Yorkmar	20 20	20 21	Amer.	Calmar Line	Baltimore, Md	Seattle, Wash Seattle, Wash	Steel, gen	6,571
Collingsworth Susan Maersk	20	21	Amer Dan	U. S. Maritime Com.	Norfolk, Va Norfolk, Va	Los Angeles, Cal.	Ballast	
Dionyssios Stat-	21	21	Greek.	Polarus S. S. Co. Long Island Mach. & Equipment Co.	Providence, R. I.	Moji, Japan	Scrap iron	7,306
hatos. Colombia ²	20	22	Pan	& Equipment Co.	Cristohal C 7			400
Nero 2	20	22	Neth	Elliot Ship. & Land Co. Royal Neth. S. S. Co.	Cristobal, C. Z Cristobal, C. Z New York, N. Y. New York, N. Y. New York, N. Y.	B'ventura, Col B'ventura, Col	General	425
Nero ² . Siamese Prince ² . City of Norfolk.	21	22 22	Brit	Prince Line Ltd	New York, N. Y.	Osaka, Japan	General	5.791
City of Nortolk City of Kimberley	22 21	22	Amer Brit	Panama-Pacific Line. Ellerman & Bucknall.	New York, N. Y.	S. Francisco, Cal.	General	3,083
Solov 2	22	22	Nor	Mitsubishi Line	Philadelphia, Pa. New York, N. Y. New York, N. Y. Paulsboro, N. J.	Sydney, Aust Yawata, Japan	Scrap, gen	7,829 2,159
Paula Peter Kerr Utacarbon ¹	21 22	23 22	Dan	West Coast Line	New York, N. Y.	Valparaiso, Chile. Vladivos'k, Rus.	General General	2,159
Utacarbon 1	22	22	Amer	Moore & McCormick. Union Oil Co. of Cal.	Paulsboro, N. J.	Los Angeles, Cal.	General	8,002
	22	22	Amer	AmerHawaiian Line.		Seattle, Wash Balboa, C. Z	Ballast General	6,639
Sona 2	21 21	22 22	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z	Ballast General	100
Cellina 2	22	23 23	Pan Ital	Elliot Ship. & Land Co. Italia Line	Trieste, Italy	Pto.Arm'les, R.P. Vancouver, B. C.	General	1,167
Sona ² . Sambu ² . Cellina ² . Ciss. Grete Maersk ² .	17	23	Nor	Grace Line	Cristobal, C. Z.	Vancouver, B. C. Champ'ico, Guat. Cebu, P. I Callao, Peru	General	611
Far	22 22	23 23	Dan Nor	Grace Line	Boston, Mass NewportNews, Va	Cebu, P. I	Coal, coke	6,189 3,370
Lihue	22	23	Amer	Matson Nav. Co	Philadelphia, Pa.	Honolulu, T. H.	General	1,223 7,714
Lihue Bonneville ² Estrid	22 22 22 22 22	23	Nor	Mitsui Line Torm S. S. Co Lykes Bros. S. S. Co Mitsuibishi Shoji K	New York, N. Y.	Kobe, Japan	Steel, gen	7,714
Jomar	22	23 23	Dan	Lykes Bros. S. S. Co.	Barry, England New Orleans, La.	Vancouver, B. C. Paita, Peru	Ballast	
Arna 2	22 22	23	Nor	Mitsuibishi Shoji K	New York, N. Y.	Yawata, Japan Honolulu, T. H	Scrap iron	7,217
Comol Rico 1 Vigrid 2	22 23	23 23	Amer Nor	Commercial Molasses Maersk Line	New Orleans, La. NewportNews,Va	Honolulu, T. H.	Ballast General	4,757
	23	23	Amer	Isthmian S. S. Lines	Mobile, Ala Cristobal, C. Z	Japan Seattle, Wash	General	2,497 237
Manto ² . Nonsuco ² . Real ² . Porto Bello ³ .	22 23	23 24	Neth	Royal Neth. S. S. Co. No. Negros Sugar Co.	Cristobal, C. Z.	Puerto Bonvar	General	237 6,907
Real 2	21	23	P. I Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Manila, P. I Pto.Arm'les, R.P.	General	60
Porto Bello 3	23	23 23	Pan	A. Tagaropulos	Baltimore, Md Cristobal, C. Z Cristobal, C. Z	Real, R. P Gatun, C. Z	General	3
Winslow 5 Brimanger	22 23		Amer	U. S. Army Interocean S. S. Corp.	Cristobal, C. Z Rotterdam, Neth.	Gatun, C. Z	Tow. barge Ballast	
Pennsylvania Sun. 1 2	23	24	Amer.	Sun Oil Co	Chester, Pa	Los Angeles, Cal. El Segundo, Cal.	Ballast	
Sun. 1 2	24	24	Dais				Carolina	3,788
Trontolite 1 2 Kongsgaard 1 2	24	24	Brit Nor	Imperial Oil Co Petrofina Bruxelles	Aruba, N.W.I Stavanger, Nor	B'ventura, Col Talara, Peru	Gasoline Ballast	0,785
Awazisan Maru 2	24	24	Jap	Mitsui Line	l Philadelphia, Pa.,	Moji, Japan	(15)	7,807
White Crest San Gabriel	24 23	25 24	Brit	Chile Nit. Sales Corp. Pacific-Atlantic Co	Cardiff, Wales Philadelphia, Pa.	Chile	Ballast (15) Coal Steel, gen	6,940
	24	24	Amer	Standard Oil of Calif.	Providence, R. I.	S. Francisco, Cal. S. Francisco, Cal. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Seattle, Wash Seattle, Wash	Ballast	
L-41 5 Ebba 2 Mussolini 2	23 22		Amer	U. S. Army H. Obarrio	Providence, R. I. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Balboa, C. Z	Tow. barge	
Mussolini 2	22	24	Pan	H. Obarrio	Cristobal, C. Z.	Balboa, C. Z	Ballast	
nardanger	23	95	Nor	Westfal, Larsen & Co.	Buenos Aires, Arg. Baltimore, Md	Seattle, Wash	Coffee, gen	5,076
Honolulan	24 24	25 25	Amer Nor	Isthmian S. S. Lines Hasegawa Boeki K	Baltimore, Md	Seattle, Wash	Gen., steel Scrap iron	9,528 8,248
Vito ² Polartank ¹ ²	24	25	Nor	Anglo-Saxon Oil Co.	Boston, Mass Larvik, Norway. Boston, Mass	Japan Los Angeles, Cal.	Ballast	
Arizonan Nordhval ² Caldas ⁹	24	25	Amer	AmerHawaiian Line.	Boston, Mass	Portland, Oreg	General	3,694
Caldas 9	25 25	25	Dan Colom.	Chile Nit. Sales Corp. Colombian Govt	Baltimore, Md Cartagena, Col	Chile Balboa, C. Z	Ballast Drydocking	
Selma City	25	25	Amer	Isthmian S. S. Lines	Baltimore, Md	Haiphong, China.	Steel, gen	5,852
Svealand ² Tropic Sea ²	25 25	96	Swed.	Ore S. S. Corp Canadian-Gulf Line	Baltimore, Md Baltimore, Md Botwood, Nfld Norfolk, Va	Cruz Gr'de, Chile Tacoma, Wash	Ballast Concentrates	8 919
Iropic Sea 2 Irene S. Embiricos	25 25	1 26	Greek.	Chile Nit. Sales Corp.	Norfolk, Va	Chile	Ballast	0,213
Pygmalion 2	19	25	Neth	Royal Neth. S. S. Co.		Valparaiso, Chile,	Ballast General	489
Woodcock 19	24 12	25	Pan	Elliot Ship. & Land Co. U. S. Navy	Cristobal, C. Z.	Balboa, C. Z	Ballast Ballast	
Pirre ² Woodcock ¹⁰ J-74 ⁵			Amer	U. S. Army	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z Balboa, C. Z Gatun, C. Z	Ballast	
Nathan 2	25		Pan	E. J. Hooper	Cristobal, C. Z	Gatun, C. Z. 16		20
1.701.11		3.6	. 1.	0.35 . 3	T 1 0 D 1	10 NT:		1.71

¹ Tankship. ² Motor ship. ³ Motor schooner. ⁵ Launch. ⁹ Destroyer. ¹⁰ Mine sweeper. ¹⁴ Automobile parts, general. ¹⁵ Lubricating oil, steel, etc. ¹⁶ For bananas and return to Cristobal.

	rived	ared	Nation-	Line	Po	rt	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Point Salinas Henry D. Whiton City of Lyons Liberator Aconcagua ² Skramstad ² Lagarto ² Lagarto ² K. G. Meldahl Telde Amagisan Maru ² Titanian ² Robert Lucken-	25 25 25 25 25 26 26 26 26 26 26 26 27	26 26 26 26 26 26 27 26 27 27 27 27	Amer Amer Brit Chile Nor Brit Nor Hond Jap Nor Amer	Swayne & Hoyt. Texas Gulf Sulphur. Ellerman & Bucknall. Lykes Bros. S. S. Co. Sud. Amer. de Vapores Fern Line. Pacific Steam Nav.Co. States Marine Corp. United Fruit Co. Mitsui Bussan Kaisha S. S. Owners Operat'g Luckenbach Line.	Corpus Ch'ti, Tex. Galveston, Tex. New York, N. Y. New Orleans, La. New York, N. Y. Galveston, Tex. Liverpool, Eng. Corpus Ch ti, Tex. New Orleans, La. Galveston, Tex. Claymont, Del. Boston, Mass.	Seattle, Wash Tacoma, Wash Adelaide, Aust Shanghai, China Valparaiso, Chile. Yokohama, Japan Valparaiso, Chile. Shanghai, China La Libertad, Ecu Moji, Japan Tacoma, Wash . Tacoma, Wash .	(13) Sulphur General Cotton General Phos., cotton General Cotton General Cotton, gen. Ballast. General	5,560 6,600 4,983 4,885 2,887 5,463 276 7,000 1,826 7,563
bach. Ia Santa Inez ² Ogontz Oklahoman President Van Bu-	26 26 27 27 27	27 28 27 28 27 28 27	Greek. Amer. Amer. Amer. Amer.	Iwai & Co. Grace Line	Wilmington, N.C. New York, N. Y. Norfolk, Va Baltimore, Md Boston, Mass	Osaka, Japan Chanaral, Chile Portland, Oreg Chanaral, Chile S. Francisco, Cal.	Scrap iron General General General	6,800 2,518 5,435 1,220 6,305
ren. Henderson 8 Hunter Liggett 8 Ann Stathatos Colombia 2 California Express. 2	26 27 27 26 27	28 28 30	Amer Amer Greek. Pan Nor	U. S. Navy. U. S. Army. American Export Co. Elliot Ship. & Land Co. Fruit Express Line.	Norfolk, Va New York, N. Y. Minatitlan, Mex. Cristobal, C. Z Glasgow, Scot	S. Francisco, Cal. Balboa, C. Z Dairen, China B'ventura, Col Los Angeles, Cal.	General Oil, lumber General Ballast	754 2,023 4,795 846
Michael Livanos. Saint Gobain ¹ ² Frida . Flevo ² Westmoreland. Sona ² Real ² Ousebridge Californian ² Kasima Maru Yamabiko Maru. Drava Drava Oity of Baltimore S-45 ⁷ Mallard ¹⁰ Wille D'Amiens. S-44 ⁷ Alabama Point Arena	27 28 28 28 28 28 28 28 29 27 28 29	30	Greek. Amer.	Royal Neth. S. Co. Mitsui Shoji Kaisha. Panama-Pacific Line. U. S. Navy.	Havre, France	Balboa, C. Z. Vancouver, B. C. Seattle, Wash. Kobe, Japan. Kobe, Japan. Pt. Chicama, Peru B 'ventura, Col Moji, Japan. S. Francisco, Cal. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Noumea, N. Caled Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Soumea, N. Caled Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. S.	General. Scrap iron. General. Ballast. Ballast. General. Ballast. General. Ballast. Ballast.	4,271 6,577 8,520 97 8,024 3,568 2,349
Victoria Nero 2 Athina Livanos. Elisabeth Bakke Isəlin 1 2 Luna 2 Chateau Thierry Sirius Cacique Nemours 2 Despatch 12 Eastern Guide. Salvador Potter 2 Wellington Star 2 Greystoke Castle Mussolim 2 Ebba 2 Fortuna 3 San Pedro 2 Misoa 1 Jane Christenson Krossfonn 2 Santos Maru 2 Morviken 2 Florence Luckenbach	200 28 29 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	30 30 30 30 30 30 30 30 30 30 30 30 30 3	Neth. Neth. Greek Nor Nor Nor Amer. Amer. Erit Brit Brit Brit Pan Pan Pan Pan Tamer. Ror Ror Ror Ror Jap Jap Jap Jap Jap Jap Jap Jap Jap	Royal Neth. S. S. Co L. I. Mach. & Equip Knut Knutsen O.A.S. Chile S. S. Co A. Tagaropulos U. S. Army U. S. Navy Grace Line French Line British Government Prudential S. S. Cop Pacific Steam Nav.Co Roosevelt S. S. Co N. Z. Shipping Co Jas. Chambers & Co H. Obarrio Lillot Ship. & Land Co P. E. Ballistero Royal Neth. S. S. Co Lago Shipping Co Arrow Line Pechelbronn Osaka Syosen Kaisy; States Marine Corp Luckenbach Line	Cristobal, C. Z. New York, N. Y Dublin, Ireland. Curacao, N.W. I. Cristobal, C. Z. Brooklyn, N. Y. Cristobal, C. Z. Portsmouth, Eng New York, N. Y Cristobal, C. Z. Philadelphia, Pa Liverpool, Eng New York, N. Y Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Aruba, N. W. Teneriffe, Can, I. Baltimore, Md. Teneriffe, Can, I. Buenos Aires, Arg Pt. Arthur, Tex. Houston, Tex.	Pto. Bolivar. Yawata, Japan Los Angeles, Cal Los Angeles, Cal Real, R. P Balboa, C. Z San Diego, Calif Guayaquil, Ecua Guayaquil, Ecua Paeific. Vladivos'k, Rus. Champ'ico, Guat Adelaide, Aust. Dunedin, N. Z. Osaka, Japan. Balboa, C. Z Pto. Arm'les, R. P. Gatun, C. Z. Callao, Peru. Balboa, C. Z. Seattle, Wash Cabo Bl'co, Peru Yokohama, Japat Yokohama, Japat S. Francisco, Cal	General. Scrap iron. Ballast Ballast General. General. General. General. General. General. General. General. General. (11) Fruit, gen. (15) Ballast General. General. Ballast General. General. (10) Ballast General. Ballast General. Ballast General. General. General. General. General. General. General. General. Ballast General. General. General. General. General. General. General.	3,418 664 215 5,657 169 5,418 6,838 100 542 2,912 5,230 8,325 5,712
Chilore Nathan ²	. 3	0	1 Amer. Pan.	Ore S. S. Corp E. J. Hooper	Baltimore, Md Cristobal, C. Z.	Cruz Gr'de, Chil. Gatun, C. Z. 16.		20

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁷ Submarine. ⁸ Transport. ¹⁰ Mine sweeper. ¹² Cruiser. ¹⁵ Lumber, pipe, general. ¹⁴ Lubricating oil, general, etc. ¹⁵ General, scrap steel. ¹⁶ For bananas and return to Cristobal. ¹⁷ Coffee, cotton, etc. ¹⁸ Scrap iron, cotton.

	rrived	eared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Erria ²	1 31	2 2 2 2 2 2 2 2 2 3 2 3	Dan Amer	East Asiatic Co Quaker Line	Copenhagen, Den. New York, N. Y.	Vancouver, B. C. Portland, Oreg	General	1,331 4,623
Nakone Maru	1	2	Jap	Nippon Yusen Kaisha	New York, N. Y.	Yokohama, Japan	(13)	5,982
Evinos	1	2	Greek.	Mitsubishi Shoji K	New York, N. Y. Pt. Arthur, Tex.	Yawata, Japan	Scrap iron	7,850
Istmo	1	2	Pan Amer	United Fruit Co AmerHawaiian Line.	Cartagena, Col Boston, Mass	B'ventura, Col Portland, Oreg	General	738 4,394
Silverwalnut 2	1	2	Brit	Silver Line, Ltd	Roltimore VId	Hongkong, China	General	2,468
Nagara ² Sambu ²	1	3	Swed	Svenska Ostasiatiska	Goth'burg, Swed. Cristobal, C. Z. New York, N. Y. Curacao, N.W.I. Houston, Tex. Boston, Mass. Genoa, Italy Retterdam Neth	Japan	General	4,275
Sambu 2	31	2	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P. SanAntonio, Chile	General	103
Santa Clara	31 2 2 2 3 1		Amer Neth	Grace Line	Curação, N.W.I.	Balboa, C. Z	General Crude oil	3,204 3,726 9,310
Vilja + 2,	2	3	Nor	Mitsui & Co	Houston, Tex	Yokohama, Japan	Crude oil	9,310
Hulda Maersk 2	3	3	Dan	Maersk Line	Boston, Mass	Bugo, P. I.	Tobacco,gen.	6,125
Conte Grande ² Lisbon Maru	3	3	Ital Jap	Italian Line Nippon Yusen Kaisya	Rotterdam, Neth.	Valparaiso, Chile. Kobe, Japan	General General	567 7 197
Kastor	3	4	Greek.	Mitsubishi Shoji K	New Orleans, La.	Yokohama, Japan		7,197 9,363
Memphis City	3	4	Amer.	Isthmian S. S. Lines	Baltimore, Md	Seattle, Wash	Steel, gen	7,266 2,002
Crawford Ellis Syunko Maru	3	4	Nor Jap	United Fruit Co Osaka Shosen Kaisha.	New Orleans, La. Dakar, Africa	Quipos, C. R Kobe, Japan	General Gasoline	$\frac{2,002}{3,333}$
Aldington Court 2	3	4	Brit	Ministry of Supply	London, England	Brit. Columbia.	Ballast	
Adamastos	3	4	Greek.	Lemos Lylas	Torrevieja, Spain. New York, N. Y.	Moji, Japan. Honolulu, T. H.	Salt General	9,500
Namakua	3 3 3 3 3 3 3 3 3 3 3	4	Amer.	Matson Nav. Co	New York, N. Y.	Honolulu, T. H.	General	3,894 7,295
Katrina Lucken- bach.	3	4	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash	General	7,295
Rangitata 2	4	5	Brit	N. Z. Shipping Co	London, England	Wellington, N. Z.	Frozen, gen.	2,255
Karmt 2	4	4	Nor.	Chile Nit. Sales Corp.	Pensacola, Fla	W. coast, S. A	Ballast	
Aliki	3	5	Greek. Amer.	Hasegawa Boeki K Panama R.R. S.S. Co.	Newp't News, Va.	Kamaishi, Japan. Balboa, C. Z Coronel, Chile	Scrap iron	7,301 550
Lobos 2	2	5	Brit	Pacific Steam Nav. Co.	Cristobal, C. Z Liverpool, Eng	Coronel, Chile	Coal General	2,893
Albion Star	2 2 2 3 3	5	Brit	Blue Star Line	Tyne, England	Comax, B. C	Ballast	
Colombia 2	2	5	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	B'ventura, Col	General	676
Draco ²	3	5 5	Neth Nor	Royal Neth. S. S. Co. Petroleos Mexicanos.	Cristobal, C. Z. Tampico, Mexico	Guayaquil, Ecua. Mazatlan, Mex	General	$\begin{vmatrix} 516 \\ 12,047 \end{vmatrix}$
Aagtekerk 2	4	5	Neth	United Netherlands	St. Vincent, Cape	S. Francisco, Cal.	Ballast	
70 17 1 1 1				Navigation Co.	Verde. Boston, Mass	C 277 3		
Paul Luckenbach.	4 2 5	5	Amer.	Royal Neth. S. S. Co.	Moragoiba Van	Seattle, Wash	General	5,100
Besholt 2	5	5 5	Neth Nor	De la Rama S.S. Co.	New York, N. Y.	Chilean ports	General	1,354 5,531
Sona 2	4	5	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	Manila, P. I Balboa, C. Z	Ballast	
Besholt ² . Sona ² . Real ² . Manto ² .	4 3 5 5 5 5	5	Pan	Elliot Ship. & Land Co.	Maracaibo, Ven. New York, N. Y. Cristobal, C. Z. Cristobal, C. Z.	Balboa, C. Z	Ballast	536
Macabi	5	6	Neth Pan	Royal Neth. S. S. Co. United Fruit Co	Cristobal, C. Z Boston, Mass	B'ventura, Col Quipos, C. R	General	3,290
Macabi	5	6		Anglo-Saxon Pet. Co.	Curacao, N.W.I	Los Angeles, Cal.	Ballast	
Oregonian	5	6	Amer	AmerHawaiian Line.	Boston, Mass	Seattle, Wash Seattle, Wash	General	3,162
Kenmar Daghild ¹ ²	5	6	Amer Nor	Calmar Line	Baltimore, Md Aruba, N. W. I Jamaica, B.W.I	Tocopilla, Chile	Steel, gen Fuel oil	6,878 13,432
Orangeleaf 1	6	6		Sec. of Admiralty	Jamaica, B.W.I	Pacific	(16)	5,284
Orangeleaf ¹ Caradoc ¹²	6	6	Brit	British Admiralty	Jamaica, B.W.L.	PacificBalboa, C. Z	Ballast	
St. Mihiel 8	6	6	Amer.	U. S. Army	Portland, Me	Champing Guat	Supplies	1,167
Pereira Borgestad ²	3 5	6		Grace Line	Portland, Me Cristobal, C. Z Botwood, Nfld	Champ'ico, Guat. Tacoma, Wash	General Copper	734 6,262
Anna Udland	5	6	Nor	Continental Grain Co.	Haugesund, Nor. New York, N. Y.	Portland, Oreg	Ballast	
Doris	6			Mitsubishi Shoji K	New York, N. Y.	Osaka, Japan	Scrap iron	7,134
Luna 2	6			French Line	Marseille, France Cristobal, C. Z.	Noumea, N. Caled Real, R. P	General	621
Doris. Sagittaire ² Luna ² Athelqueen ¹ ²	6	7	Brit	United Molasses Co	Hull, England	Hawaiian Islands	Ballast	
Kansan	6	7	Amer	AmerHawaiian Line.	Baltimore, Md Curacao, N.W.I	Seattle, Wash	General	4,003
Sydhav ¹ ² Pacific Ranger ²	5		Nor Brit	Anglo-Saxon Pet. Co. Furness, Withy & Co.	Manchester, Eng	Valparaiso, Chile. Vancouver, B. C.	Fuel oil General	11,527 1,070
Herman Frasch	7	7	Amer.	Union Sulphur Co	Manchester, Eng. Galveston, Tex New York, N. Y.	Tacoma, Wash	Sulphur	6,550
Mauna Kea	6	7	Amer.	Grace Line	New York, N. Y.	Antof'gasta, Chile	General	3,458
Col. Riche 5		7	Amer.	U. S. Army	Cristobal, C. Z Cristobal, C. Z	Gatun, C. Z Balboa, C. Z	Tow. barge Ballast	
Mussolini ² Woodcock ¹⁰	30		Pan Amer	H. Obarrio U. S. Navy	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Margrethe Bakke ²	6	8	Nor	Knutsen Line	Goth'burg, Swed.	Valparaiso, Chile.	General	2,334
Hindanger 2	6			Interocean S. S. Corp.	Maranhao, Brazil			2,339
Segundo ² L. P. St. Clair ¹	6	8	Amer	Union Oil of Calif	Cristobal, C. Z.	Portland, Oreg S. Francisco, Cal.	Ballast Ballast	
El Grillo 1	7	8	Brit	C. T. Bowring & Co	Liverpool, Eng	LaLibertad, Ecua.	Ballast	
Fresno Star	6 7 7 7	8	Brit	Blue Star Line Lykes Bros. S. S. Co.	Liverpool, Eng New Orleans, La.	Vancouver, B. C. Manila, P. I	Ballast	E 077
Aquarius. Sidney M. Haupt-	8	8		Lykes Bros. S. S. Co. McCormick S. S. Co.	New Orleans, La. Norfolk, Va	Manila, P. I Seattle, Wash	Cotton, iron. General	5,278 8,837
man.	0	0		maccornick of or Co.				0,00
Mosfruit 2	8	8		Martin Mosvold	Savannah, Ga New York, N. Y.	Los Angeles, Cal. Seattle, Wash	Ballast	
Gertrude Kellogg. Hagan ¹	87	8 9	Amer	Kellogg S. S. Corp Shell Oil Co	New York, N. Y.	Seattle, Wash Los Angeles, Cal.	Creosote Ballast	6,500
Nagara Maru 2	8	9		Nippon Yusen Kaisha	Sewaren, N. J Boston, Mass	Kobe, Japan	(13)	7,81- 7,92
Chickasaw City	0	9		Isthmian S. S. Lines.	Portland, Me	Vancouver, B. C.		7 001

Tanker. 2 Motor ship. 5 Launch. 8 Transport. 10 Mine sweeper. 12 Cruiser. 13 Lubricating oil, general, etc. 14 Diesel oil, gasoline, etc. 15 Pipes, cement, etc. 16 Fuel oil, stores.

Ship	Date arrived	Date cleared	Nation-	Line (Charterer or operator)	Po	rt	Cargo	
Snip	Date	Date	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Boris	8 6 8 8 8 9 9 9 9 9 4 4 9 9 9 9 9 9 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	10 10 10 10 10 10 11 11 11	Amer Pan Greek Hond Amer Brit Amer Brit Amer Brit Amer Brit Amer	Chile Nit. Sales Corp. The Netherlands. L. I. Mach, & Equip. Calmar Line. Cia. Sud Amer. de Vap. Chile Nit. Sales Corp. Fern Line. Shepard Line. H. Obarrio. Rethymin & Kuluk's. United Frait Co. U. S. Navy. Affred Holt & Co. Barber Line. Texas Oil Co. Amer. Hawaiian Line. M. A. N. Z. Line. M. Cormick S. S. Co., Fed. Steam Nav. Co. Nippon Yusen Kaisha Grace Line.	Baltimore, Md Curaeao, N.W.I New York, N. Y. Baltimore, Md New York, N. Y. Newport, Eng Tampa, Fla Albany, N. Y. Cristobal, C. Z. Savannah, Ga New Orleans, La. Norfolk, Va Philadelphia, Pa Trangsund, Fin. Tampico, Mexico Boston, Mass Montreal, Canada Baltimore, Md Falmouth, Eng Liverpool, Eng. New York, N. Y. Norfolk, Va	Iquique, Chile. Honolulu, T. H. Yokohama, Japan Tacoma, Wash. Valparaiso, Chile. Chile. Yokohama, Japan Tacoma, Wash. Balboa, C. Z. Yawata, Japan La Union, Salv. Balboa, C. Z. Shanghai, China. Shanghai, China. Adelaide, Aust. Portland, Oreg. Duncdin, N. Z. Seattle, Wash. New Zealand. Dairen, China Valparaiso, Chile.	Ballast Ballast Ballast Ballast Serap iron Wire General Ballast General Ballast Serap iron Cement general General General General General General General General Ballast Potash , gen Potash , gen General Genera	7,523 855 1,594 3,533 5,163 6,513 1,988 2,962 8,248 8,385 4,022 5,565 5,565 7,913 2,813 6,323
Petros J. Gonlandris. Col. Riche 5	10 7		Greek.	Mitsubishi Shoji K U. S. Army	Norfolk, Va Cristobal, C. Z	Yokohama, Japan Gatun, C. Z	Serap iron Tow. barge	
	- 1			PACIFIC TO) ATLANTIC		<u> </u>	l
Trontolite 1 2	10	12	Brit	Imperial Oil Co	Talara, Peru	Aruba, N. W. I	Gas oil	8,993 7,450
Trontolite ¹ ² Nemea Herborg ¹ ² Antietam ¹ Canadian Star ² . Kansai Maru ² . Sally Maersk ²	10 10 11 10 10	11 11 12 12	Greek. Nor Amer Brit Jap Dan	Canadian Transp. Co. Anglo-Saxon Pet Co. Shell Oil Co. Blue Star Line Osaka Syosen Kaisya. Isbrandtsen-Moller.	Seattle, Wash Los Angeles, Cal. Los Angeles, Cal. N.Westm'er, B.C. Manila, P. I. Chicama, Peru.	Hull, England Curacao, N.W.I., New York, N. Y. Newcastle, Eng Baltimore, Md Philadelphia, Pa	General Gas oil Fuel oil Fruit, gen	11,808 10.287
Woodcock	12 12 11 12	12 15 12 13 12	Amer	U. S. Navy Ore S. S. Corp. Johnson Line.	Chicama, Peru Balboa, C. Z. Cruz Gr'de, Chile Vancouver, B. C. Astoria, Oreg.	Philadelphia, Pa. Cristobal, C. Z. Baltimore, Md Goth'burg, Swed. Houston, Tex. Cristobal, C. Z.	Iron are	21 700
Draco ² . Pacific Pioneer ² . City of Baltimore. S-45 ⁷ . Lieut. Col. H. C.	12 12 12 12 12	14 14 13	Neth	Stathatos & Co	Guayaquil, Ecua. Vancouver, B. C. S. Francisco, Cal. Balboa, C. Z. Balboa, C. Z.	Cristobal, C. Z. London, England New York, N. Y. Cristobal, C. Z. Cristobal, C. Z.	General. Ballast. (15) Fruit, gen. General. Tow. barge.	8,677 6,049
Schumm. ⁴ El Mirlo ¹ ² Point Brava North Wind	12 12 12	13 13 13	Brit Amer	C. T. Bowring & Co Swayne & Hoyt Northland Tran. Co	Cabo Bl'co, Pern. Portland, Oreg Seattle, Wash	T211 T2	(10)	10,999 6,13 2,73
Point Estero	12 12 12 12 13	13 17 15 14	Amer Hond Pan	Pacific R. R. Co Elliot Ship. & Land Co.	Newport, Oreg Corinto, Nic B'ventura, Col	Mobile, Ala	Lumber Ballast Coffee, gen.	5,620 898
Mussolini ² Laila. West Nilus S-47 ⁷	13 13 13 13	13 13 13	Dan Amer Amer	E. Obarrio Wessel, Duval & Co. McCormick S. S. Co. U. S. Navy United Fruit Co.	SanAntonio, Chile Townsend, Wash. Balboa, C. Z. Quipos, C. R. Balboa, C. Z. Darien, R. P.			2,660 8,063
S-46 7 Real 2 Porto Bello 2	13 13 13	15 13	Amer Pan Pan	U. S. Navy. Elliot Ship. & Land Co. A. Tagaropulos. U. S. Navy.		New Orleans, La. Cristobal, C. Z Cristobal, C. Z Colon, R. P Cristobal, C. Z	Bullion, gen. Bananas	3
Mokihana	13 13 12 13	13 14 14	Pan	Matson Nav. Co. Elliot Ship. & Land Co. Pan Amer. Pet. Corp.	Balboa, C. Z. Nawilliwilli, T. H. B'ventura, Col Pt. Petrol. Calif	Cristobal, C. Z Baltimore, Md Cristobal, C. Z Baltimore, Md	Sugar, fruit. (13) Crude oil	10,07 175 13,83
Denver. ¹ Republic ⁸ Ariea S-44 ⁷ Virginian Columbian	13 13 14		Fr Amer	U. S. Army French Line U. S. Navy	Honolulu, T. H Valparaiso, Chile. Balboa, C. Z Seattle, Wash Portland, Oreg	New York, N. Y. Havre, France Cristobal, C. Z.	General Copper, gen	7,00
Kaihia	13	14 14 14 14	Amer Amer	AmerHawaiian Line. AmerHawaiian Line. AmerHawaiian Line. Luckenbach Line.	S Francisco, Cal.	Boston, Mass Baltimore, Md Boston, Mass Boston, Mass Cristobal, C. Z Cristobal, C. Z	Lumber, gen. Lumber, gen. Ref. sugar Lumber, gen.	6,46 6,97 10,88
Harry Luckenbach Pirre ² . Sona ² . San Antonio. Vinland ² . Amerika ²	14 14 14 13 15	15 16 16 15 15		Elliot Ship, & Land Co. Elliot Ship, & Land Co. French Line Knutsen Line East Asiatic Co	Seattle, Wash Darien, R. P Darien, R. P Vancouver, B. C. Valparaiso, Chile. Grays Harbor	Cristobal, C. Z Cristobal, C. Z Havre, France Oslo, Norway Copenhagen, Den	Bananas Bananas General	6,43 6,43
Fella 2	13	17	Ital	Italian Line	Vancouver, B. C.	Trieste, Italy	General	6,57

Sona 2. 14 16 Pan. Elliot Ship, & Land Co. Darien, R. P. Cristobal, C. Z. Bananas.
Sona 2. 14 16 Pan. Elliot Ship, & Land Co. Darien, R. P. Cristobal, C. Z. Bananas.
San Antonio. 14 16 Fr. French Line. Vancouver, B. C. Havre, France. General.
Vinland 2. 13 15 Nor. Knutsen Line. Valparaiso, Chile. Oslo, Norway. General.
Amerika 2. 15 15 Dan. East Asiatic Co. Grays Harbor. Copenhagen, Den General.
Fella 2. 13 17 Ital. Italian Line. Vancouver, B. C. Trieste, Italy. General.

1 Tanker. 2 Motor ship. 4 Tug. 5 Launch. 7 Submarine. 8 Transport. 14 Sugar, silk, general.
15 Coffee, hides. 16 Crude oil, casinghead gasoline. 17 Plantains, lumber. 15 Coffee, ivory nuts.

	rived	eared	Nation-	Line	Pe	ort	Cargo							
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons						
Rangitane 2	14	16		N. Z. Shipping Co	Auckland, N. Z	United Kingdom.	Frozen, gen.	6,445						
Cadmus Sanyo Maru ² Azuma Maru ²	15 15	16 16	Nor Jap	United Fruit Co	Puntarenas, C. R. Dairen, China	Galveston, Tex . Antwerp, Belgium	Ballast (14)	6,779						
Azuma Maru 2	15	16		Osaka Syosen Kaisya. Nippon Yusen Kaisha	Vokobama Ianan	Rotterdam, Neth.	General	9,019						
Helen 5 Connecticut 1	15		Amer.	C. D. Hummer	Balboa, C. Z	Rotterdam, Neth. Cristobal, C. Z Pt. Arthur, Tex	Ballast							
Connecticut 1 Pennsylvanian	15 16	16 16		The Texas Co AmerHawaiian Line.	Balboa, C. Z Pt. S. Luis, Calif. Portland, Oreg	Pt. Arthur, Tex	Gasoline General	9,728						
Douro 2	16	18	Neth	Royal Neth. S. S. Co.	B'ventura. Col	Belize, Br. Hond.	Coffee, hides	7,523 335						
Navarino Yamaura Maru	16	17	Brit	Seaboard Ship. Co	B'ventura, Col. Vancouver, B. C.	Boston, Mass Belize, Br. Hond. Cardiff, Wales	Lumber	8,014						
Yamaura Maru	16 16	17 17	Jap Amer	YamashitaK. Kaisha.	Manila, P. I SanAntonio, Chile		Silk, gen	7,928						
Santa Clara Tropic Star 2	16	16	Nor	Grace Line Chile Nit. Sales Corp. States S. S. Co Seaboard Ship. Co	Britannia, B. C.	New York, N. Y. Claymont, Del Baltimore, Md	Copper, gen. Pyrites, ore	5,136 8,150						
Kentucky Bradford City 2	16	17	Amer	States S. S. Co	Portland, Oreg	Baltimore, Md	Lumber	8,150 7,313						
Bradford City 2	16	18	Brit	Seaboard Ship. Co	Vancouver, B. C. Pt.Angeles, Wash.	London, England	Grain, lum	18,656						
Sage Brush	16 17	17 23	Amer Nor		Champ'ieo, Guat.	London, England Boston, Mass Cristobal, C. Z	Lumber, gen. General	7,824 172						
Ciss. Point Judith	17	17	Amer	Grace Line. Swayne & Hoyt. Seaboard Ship. Co.	S. Francisco, Cal.	Tampa, Fla	General	6,775						
Harlingen	15	19	Brit	Seaboard Ship. Co	Englewood, B. C.	Philadelphia, Pa.	Lumber	7,712 9,002						
West Ivis	17 17	17 18	Amer Pan	MeCormick S. S. Co	N. Westm'er, B.C. Darien, R. P.	Buenos Aires, Arg. Cristobal, C. Z. Tampieo, Mexico.	Lumber, gen. Bananas	9,002						
Sambu ² Mosli ¹ ²	24	18	Nor	Elliot Ship. & Land Co. Petroleos Mexicano	Guaymas, Mexico	Tampieo, Mexico.	Ballast							
Losada 2	17	18	Brit	Pacific Steam Nav. Co.	Talcahuano Chile	Liverpool, Eng	Tin, ore, gen.	7,949						
F. J. Luckenbach	17 18	18 18	Amer	Quaker Line Luckenbach-Gulf Co.	Portland, Oreg	Philadelphia, Pa Tampa, Fla	Lumber, gen. Lumber, gen.	6,670 8,233						
Uranienborg	18	18	Dan	Canadian Transp. Co.	Portland, Oreg Portland, Oreg Portland, Oreg	St. Johns, N. B.	(15)	4 921						
Kongo Maru 2	18	19	Jap	Kokusai Kisen Kaisha	Manila, P. 1 Seattle, Wash	Quebec, Canada.	(16)	9,428						
Uranienborg Kongo Maru ² Flomar Arthur F. Corwin ¹	18 18	18 19	Amer Brit	Calmar Line Standard Oil of N. J	Los Angeles, Cal.	Quebec, Canada. Philadelphia, Pa. Baton Rouge ¹³ .	Ballast	7,655						
Malay 1	18	19	Amer.	Shell Oil Co	Los Angeles, Cal.	Bayonne, N. J Cristobal, C. Z New York, N. Y. Sewaren, N. J Glasgow, Scotland	Fuel oil	11,519						
Tattnall 9	19	. ; ;	Amer.	U. S. Navy. Cia. Sud Amer, de Vap.	Balboa, C. Z	Cristobal, C. Z.	(18)							
Copiapo ² . Hagan ¹ . Gregalia.	19 19	19 19	Chile	Shell Oil Co	Taleahuano, Chile S. Francisco, Cal.	New York, N. Y.	(18)	5,138 9,335						
Gregalia	18	20	Brit	Donaldson Line	Vancouver, B. C.	Glasgow, Scotland	General	6,812						
Utanan	18	19	Amer	AmerHawaiian Line.	S. Francisco, Cal.	Baltimore, Md Baltimore, Md	General	8,184						
Laneaster Minnesotan	18 18	19 19	Amer	Weyerhaeuser S.S. Co. AmerHawaiian Line.	Everett, Wash Taeoma, Wash	Baltimore, Md Boston, Mass	Lumber, gen. General	8,737 7,207						
Kohala	19	19	Amer.	Matson Nav. Co	Honolulu, T. H.,	New York, N. Y.	Sugar, eanec.	7,115						
Kohala	18	20	Jap	Mitsubishi Shoji K	Kamchatka, Rus. Honolulu, T. H. Portland, Oreg Guayaquil, Euca.	Landon England	Canned fish.	8,798						
Steel Worker Eastern Trader	19 19	20 20	Amer.	Isthmian S. S. Lines.	Honolulu, T. H	Baltimore, Md New York, N. Y. Cristobal, C. Z New York, N. Y. Cristobal, C. Z Boston, Mass	Lumber	8,553 $6,992$						
Nero 2	19	22	Neth	Turner Lumber Co Royal Neth. S. S. Co. Puget Sd. Asso. Mills.	Guayaquil, Euca.	Cristobal, C. Z.	Tagua, gen	266						
Nero ²	19	20	Amer	Puget Sd. Asso. Mills.	Everett, wash	New York, N. Y.	Lumber	7,100						
Montanan	20 19	22 20	Pan Amer	Elliot Sbip. & Land Co. AmerHawaiian Line.	B'ventura, Col Portland, Oreg	Cristobal, C. Z.	Coffee, gen. Lumber, gen.	$\frac{1,163}{6,892}$						
Lara	20	21	Amer.	Grace Line	Paita, Peru	New York, N. Y.	(21) (15)	3,591						
Lara	20	21	Brit	Grace Line Anglo-Can. S. S. Co	Vietoria, B. C	London England	(15)	8,200						
Remuera	$\frac{20}{20}$	$\frac{20}{21}$	Pan Brit	A. Tagaropulos N. Z. Shipping Co	Paita, Peru. Vietoria, B. C. Darien, R. P. Pt. Chalmers, N. Z	Colon, R. P London, England United Kingdom.	(22) Frozen, gen.	$\frac{3}{5,260}$						
Cressington Court	219	21	Brit	Seaboard Ship, Co	N. Westmer, B.C.	United Kingdom.	Lead, lum.	8,100						
Berganger 2	20	21	Nor	Interocean S. S. Corp.	Portland, Oreg	Rotterdam, Neth.	(15)	8,525						
Sagadahoc	$\frac{20}{21}$	21	Amer.	Isthmian S. S. Lines U. S. Navy	Seattle, Wash Seattle, Wash	Avonmouth, Eng.	General	$8,107 \\ 2,802$						
Capella Baehaquero ¹ Lexa Maersk ²	14	21	Brit	Standard Oil of N. J	Balboa, C. Z	Norfolk, Va Aruba, N. W. I	Ballast							
Lexa Maersk 2	20 21	22 22	Dan	Maersk Line	Balboa, C. Z Cebu, P. I Seattle, Wash	Savannah, Ga	General	7,372						
Horace Lucken- bach.	21	22	Amer.	Luekenbach Line	beattle, wash	Boston, Mass	General	7,854						
Sambu 2.	21	22	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	58						
Sona ² . Real ² . Hopepeak ²	21 21	22 23	Pan	Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z Cristobal, C. Z London, England	Bananas	38 38						
Hopepeak 2	21	22	Brit	Elliot Ship. & Land Co. Anglo-Can. S. S. Co. Seaboard Ship. Co.	S. Francisco, Cal.	London, England	(23)	8,733						
Benyortieh	21	23	Brit	Seaboard Ship. Co	Vaneouver, B. C.	London, Emgrand	Lum., wheat	6.745						
Queen Vietoria 2 San Vincente	$\frac{22}{22}$	$\frac{22}{22}$	Brit	Canadian Transp. Co. PacAtl. S. S. Co	Pt. Alberni, B. C.	United Kingdom.	Lumber, gen. Lumber, gen.	8,200 7,969						
Mussolini 2	22	24	Pan	H. Obarrio	Portland, Oreg Darien, R. P	Cristobal, C. Z.	Bananas	80						
	22	23	Amer	Grace line	Antof'gasta, Chilel	Baltimore, Md Cristobal, C. Z New York, N. Y. Cristobal, C. Z	(24)	8,069						
Ebba ² . Karmt ² . Manto ² . Prince Rupert	$\frac{22}{22}$	24 22	Pan	H. Obarrio Chile Nit. Sales Corp. Royal Neth. S. S. Co.	Darien, R. P Tocopilla, Chile.	Pensacola Fla	Bananas Nitrate	55 8,880						
Manto 2	22	23	Neth	Royal Neth. S. S. Co.	B'ventura, Col	Pensacola, Fla Cristobal, C. Z	Skins, eoffee.	295						
Prince Rupert	22	23	Brit	Reardon-Smith Line.	Iloilo, P. I	New Orleans, La.	Sugar	8,000						
City.	22	24	Brit	Dingwall Cotts	Vancouver R C	United Kingdom.	Grain, lum	8,250						
Bradfyne Kinross ²	22	24	Brit	Dingwall Cotts Seaboard Ship. Co	Vancouver, B. C. Vancouver, B. C.	United Kingdom.	Grain, lum.	8,350						
American	22 22	23	Amer	AmerHawanan Line.	Seattle, Wash	Baltimore, Md Baltimore, Md	Lumber, gen.	8,350 7,277 7,000						
Charles Christen-	22	23	Amer.	Arrow Line	So. Bend, Wash.	Baitimore, Md	Lumber	7,000						
Axel Johnson 2	23	25	Swed	Johnson Line	Everett, Wash	Stockholm, Swed.	Copper, gen.	5,915						

¹ Tanker. 2 Motor ship. 5 Launeh. 9 Destroyer. 13 For orders. 14 Oil, borax, beans, meal, general. 15 Lumber, grain, general. 16 Rubber, tin, silk, general. 17 Lumber, steel pins. 18 Copper, sugar, general. 19 Gasoline, kerosene. 20 Raw sugar, canned pineapples, canec. 21 Sugar, coffee, general. 22 Plantains, lumber. 23 Barley, lumber, general. 24 Copper, coffee, general.

				PACIFIC TO ATLA	NTIC—Continued			
	rrived	cleared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date c	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Arima Maru 2	23 23	25		Nippon Yusen Kaisya	Shanghai, China.	Baltimore, Md	General	5,221
Sawokla ² Primero ²	23 23 23	26 24	Amer	Roosevelt S. S. Co S.S. Owners Oper. Co.	Hongkong, China Britannia, B. C Balboa, C. Z Balboa, C. Z Champ'ieo, Guat. Portland, Oreg	New York, N. Y. Claymont, Del	General Pyrites,cone.	7,428 7,570
L-41 5 Woodcock 14	23	25	Amer	U. S. Army U. S. Navy	Balboa, C. Z	Cristopol C Z		
Salvador	24 23 23	31	Amer Brit	Pacific Steam Nav.Co.	Champ'ieo, Guat.	Cristobal, C. Z.	Coffee, gen.	121
Salvador Nicolaos D. L	23	24	Brit Greek.	Anglo-Can. S. S. Co	Portland, Oreg	Cristobal, C. Z Cristobal, C. Z London, England	Coffee, gen Wheat, lum.	6,484
Orminster	23 23	25 25	Brit Pan	Chile Nit. Sales Corp. Elliot Ship. & Land Co.	Toeopilla, Chile Darien, R. P Manila, P. I Taeoma, Wash	New Orleans, La. Cristobal, C. Z.	Nitrate Bananas	8,231
Pirre ²	23	25	Jap	Mitsui Bussan Kaisha	Manila, P. I	Boston, Mass	General	5.702
Devon City 2 Maranon 2	24 24	25 26		Anglo-Can. S. S. Co Cia Peruana de Vap.	Taeoma, Wash Callao, Peru	Liverpool, Eng	Gen., lumber General	1.8.800
Tasmania 2	24	25	Dan	Kawasaki K. Kaisha.	Pt. Redon, F.I.C.	Iquitos, Peru Boston, Mass Boston, Mass	General	1 5 788
Mexican Santa Maria ²	25 25	25 26	Amer	AmerHawaiian Line. Graee Line	Seattle, Wash Valparaiso, Chile.	Boston, Mass New York, N. Y.	Lumber, gen.	10,757
Bethore	26	26	Amer.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md New York, N. Y.	Iron ore	$\frac{4,568}{21,300}$
Bethore City of Newport News.	25	26	Amer	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	6,717
Niceto de Larrin- aga. ¹	25	27	Brit	Canadian Transp. Co.	Vancouver, B. C.	Montreal, Canada	Lumber, gen.	7,868
Nucvo Panama 2.	25 26	27 27	Pan Amer	Cia Colom. Cabotaje. Isthmian S. S. Lines.	B'ventura, Col Portland, Oreg	Cristobal, C. Z	Coffee General	218
Atlantic Colombia 2	26	28	Pan	United Fruit Co	B'ventura, Col	Baltimore, Md Cristobal, C. Z	Conee	7,762 1,030
Star of Suez Sofie Bakke ²	26 26	26 28	Egypt.	Chile Nit. Sales Corp. Knut Knutsen O.A.S.	B'ventura, Col Tocopilla, Chile Portland, Oreg	Gibraltar ¹³ Habana, Cuba	Nitrate General	7,564
1415	26		Nor	III S Army	rortiand, Oreg		Tow barge	6,020
Tai Ping Yang 2	26		Nor	Barber-Wilhelmsen. Royal Neth. S. S. Co. United Fruit Co.	Davao, P. I	New York, N. Y. Cristobal, C. Z.	General	7,424
Draeo ² Orotava	26 26	29 28	Neth Hond	United Fruit Co	Guayaquil, Eeua. Puntarenas, C. R.		Coffee, gen	543 450
West Notus	26	27	Amer	McCormiek S. S. Co	Tacoma, Wash	Albany, N. Y	Lumber, gen.	8,266
Oakmar Spencer Kellogg ¹	27 27	27	Amer	Calmar Line Kellogg S. S. Corp	Taeoma, Wash	Baltimore, Md	Lumber Coconut oil.	5,645
Porto Bello 2	27 27	27	Pon	A. Tagaropulos	Tacoma, Wash. Tacoma, Wash. Manila, P. I. Darien, R. P.	New Orleans, Da. Albany, N. Y. Baltimore, Md. New York, N. Y. Colon, R. P. Cristobal, C. Z. Cristobal, C. Z. Luited Kingdom	(16)	6,721
Real 2	27 27	28 28	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z.	Bananas Bananas	33
Real ²	27	28 28	Brit	Canadian Transp. Co.	N.Westmer, B.C.		Lum., conc	10,000
Lebore	28 28	28 28	Amer.	Canadian Transp. Co. Ore S. S. Corp. Anglo-Saxon Pet. Co.	Cruz Gr'de, Chile	Baltimore, Md Curaeao, N.W.I.	Iron ore	21 300
Orangeleai 1	27	28		British Admiralty	Los Angeles, Cal. Valparaiso, Chile.	Caribbean Sea	Gas oil Fuel oil	442
Alamar Nero ²	27 28	28 30	Amer Neth	British Admiralty Calmar Line Royal Neth. S. S. Co.	Seattle, Wash B'ventura, Col	Baltimore, Md Cristobal, C. Z	Lumber	7.358
Jacob Luckenbach	27	28	Amer	Luckenbach Line	Seattle, Wash	Philadelphia, Pa	Coffee, hides General	8.211
Alabaman Kaizyo Maru ¹ ² .	28 28	28 29	Amer	AmerHawaiian Line.	Portland, Oreg	Boston Mass.	Gen., lumber	8,760
D. G. Seofield 1	28	29		Anglo-Saxon Pet. Co. Shell Oil Co	Los Angeles, Cal. Los Angeles, Cal.	Curaeao, N.W.I Bayonne, N. J	Gas oil Fuel oil	11,789 10.255
Heina ² Mussolini ²	28	29	Nor	Chile Nit. Sales Corp.	Tocopilla, Chile Darien, R. P Iquique, Chilc	Savannah, Ga Cristobal, C. Z Panama City, Fla Cristobal, C. Z	Nitrate	7,513
Leonigas M	29 28	31 30	Pan Greek.	E. Obarrio Chile Nit. Sales Corp.	Jarien, R. P	Panama City Fla	Bananas Nitrate	70 7,670
Ebba ²	28	31	Pan	H. Obarrio		Cristobal, C. Z.	Bananas	45
Coloradan	28 28	29 29	Amer	AmerHawaiian Line. Baltimore Mail Co	S. Francisco, Cal. S. Francisco, Cal.	Baltimore, Md Baltimore, Md	Potash, gen. General	9,191
Dorothy Lucken- baeh.	28	29	Amer	Luckenbach Line	S. Francisco, Cal.	Boston, Mass	General	9,646
Cacique Winnipeg	29 29	31	Fr	Grace Line Cie. France Nav	Guayaquil, Eeua. Valparaiso, Chile.	Cristobal, C. Z Havre, France	Coffee, hides General	6,403
Lodestone	29	31	Brit	Chile Nit. Sales Corp.	Iquique, Chile	Azores 13	Nitrate	8,540
Point Bonita Hunter Liggett 8	29 28	30		Swayne & Hoyt	Iquique, Chile Seattle, Wash Balboa, C. Z Balboa, C. Z	Panama City,Fla. Brooklyn, N. Y Cristobal, C. Z	General Supplies	7,589
Launeh	29		Amer	U. S. Army U. S. Navy	Balboa, C. Z	Cristobal, C. Z.	Ballast	
Santa Rita 2 Woodeock 4	30 30		Amer	Grace Line U. S. Navy	Chanaral, Chile	New York, N. Y.	Ballast General	3,326
Woodeock 4 Amerikaland 2	30	31	Swed	Ore S. S. Corp	Chanaral, Chile Balboa, C. Z Cruz Gr'de, Chile Keelung, China.	New York, N. Y. Cristobal, C. Z. New York, N. Y. New Orleans, La.	Iron ore	21,700
Kumkawa Maru ²	30 30			Kawasaki K. Kaisha.	Keelung, China	New Orleans, La.	General	1 0.078
Disa Waimea	30	31	Amer	Sigfried Olsen Matson Nav. Co United Fruit Co	St. Helens, Oreg. Honolulu, T. H.	Maraeaibo, Ven Baltimore, Md	Pilings, lum.	1 4.374
Mayarı Helga	30 31	31	Pan Dan	United Fruit Co J. Lauritzen	Pto. Arm'les, R.P. Valparaiso, Chile.	Boston, Mass New York, N. Y.	Ballast	1
Orduna	31		Brit	Paeifie Steam Nav. Co.	Taleahuano, Chile	United Kingdom.	General	6,694
Orduna Sambu ² Komaki Maru ²	31 30	31	Pan	Elliot Ship. & Land Co.	Darien, R. P Manila, P. I	Cristobal, C. Z Galveston, Tex	Bananas	1 60
Montebello 1	31	1	Amer	Kokusai Kisen Kaisha Union Oil of Calif	Los Angeles, Cal.	Boston, Mass	Fuel oil	10,919 10,796
Lochmonar 2 Nicolaou Zografia	31	3	Brit	Royal Mail Lines	Los Angeles, Cal. Victoria, B. C.	London, England	Refrig., gen	9,686
Port Saint John 2.	31	2	Greek. Brit	General S. S. Corp M. A. N. Z. Line	Pt. Alberni, B. C. Melbourne, Aust.	London, England London, England Montreal, Canada	General	10,968
Nordstjernan 2	31	2 2	Swed	Johnson Line	S. Francisco, Cal.	Goth'burg, Swed. New York, N. Y.	Fruit, gen	5,844
City of Los Ange- les.	1	2	Amer	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	6,817
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Tanker. ² Motor ship. ⁴ Tug. ⁵ Launch. ⁸ Transport. ¹³ For orders. ¹⁴ Gunboat. ¹⁵ Bananas, bullion.
 ¹⁶ Plantains, lumber. ¹⁷ Sugar, canned pineapples. ¹⁸ Tin, copper, general. ¹⁹ Sugar, tea, silk, general. ²⁰ Lumber, wheat, barley.

PACIFIC TO ATLANTIC—Continued								
au.	rrived	leared	Nation-			ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long
Mirrabooka 2	31 31	1	Swed	Transpacific S. S. Co.	Bowen, Australia Seattle, Wash Balboa, C. Z	St. Johns, N. B.	Sugar	8,530
Hanley Chateau Thierry ⁸	31	3	Amer.	Weyerhaeuser S.S.Co. U. S. Army	Balboa, C. Z	Newark, N. J Brooklyn, N. Y	Lumber, gen. General	9,377
Toyobogi Moru	1			Nippon Yusen Kaisha	Seishin, Korea	i New Orleans, La.	Fishmeal,gen	3,901
Kongsgaard 1 2	1	2	Nor	Petrofina, Bruxelles	Seishin, Korea Talara, Peru	Dunkerque, Fr	Crude oil	14,276
Norlys 1 2	2 1	$\begin{bmatrix} 3 \\ 2 \\ 2 \\ 2 \end{bmatrix}$	Pan Amer	Anglo-Saxon Pet. Co. AmerHawaiian Line.	Los Angeles, Cal. Tacoma, Wash.	Curacao, N.W.I	Kerosene dis.	13,888
Kongsgaard ¹ ² Norlys ¹ ² Georgian Colombia ²	2	5	Pan	Elliot Ship. & Land Co.	B'ventura, Col	Dunkerque, Fr. Curacao, N.W.I. Boston, Mass. Cristobal, C. Z.	Lumber, gen. Coffee, gen.	8,871
Corrientes,	2 1	2	Brit	Donaldson Line	Vancouver, B. C. Pt. Alberni, B. C.	Glasgow, Scotland	Fruit, gen	5.811
	1	3	Brit	Anglo-Can. S. S. Co	Pt. Alberni, B. C.	Grangem'th, Seot.	Timber, lead Wheat, lum	8,530 7,808
A storia 2	2	3	Greek. Dan	Seaboard Ship, Co S. S. Owners Operat	Vancouver, B. C. Britannia, B. C.	Hull, England	Pyrites	7,808
Draco 2	2	5	Neth	Royal Neth. S. S. Co.	B'ventura, Col	Cristobal, C. Z.	Coffee	538
Eleni Astoria ² Draco ² Santore Manto ² Pereira Ferphill	1 2 2 2 2 2 2 3 3 3 3	3	Amer	Royal Neth. S. S. Co. Ore S. S. Corp. Royal Neth. S. S. Co.	Cruz Gr'de, Chile	Claymont, Del Cristobal, C. Z Baltimore, Md	Iron ore	11.300
Manto 2	2	6		Grace Line	Guayaquil, Ecua.	Cristobal, C. Z Cristobal, C. Z	General	376
Fernhill	3	6 3	Pan Nor	Fern Line	Champ'ico, Guat.	Philadelphia, Pa	Coffee, gen	7,100
Fernhill	3	3	Amer	AmerHawaiian Line.	Sabang, P. I Portland, Oreg	Philadelphia, Pa. Baltimore, Md	Lumber, gen.	8,422
Prusa Susan V. Lucken-	3	4 3	Pan	Grace Line	Valparaiso, Chile.	New York, N. Y.	Copper, gen.	8,422 7,569
bach.		3		Luckenbach Line	Olympia, Wash	Boston, Mass	Lumber, gen.	8,547
Luna	2 3	3		A. Tagaropulos	Darien, R. P Lyttelton, N. Z.	Colon, R. P	Plantains	- 8
Fordsdale	3	6	Brit	Shaw, Savill & Albion	Lyttelton, N. Z.	London, England	Frozen, gen.	5,024
Marore	4	4	Amer	Shaw, Savill & Albion Ore S. S. Corp. Shell Oil Co.	Cruz Gr'de, Chile Los Angeles, Cal.	Baltimore, Md P. Amboy, N. J	Iron ore	21,800 9,639
Kentuckian Caledonian Mon-	3	4	Amer.	AmerHawanan Line.	Portland, Oreg Mackay, Aust'lia	Boston, Mass	General	6,400
Caledonian Mon-	3	5	Brit	Bank Line, Ltd	Mackay, Aust'lia	Montreal, Canada	Sugar	8,050
arch.	4		Pan	H. Obarrio	Darien, R. P	Cristobal, C. Z.	Bananas	63
Ebba ² Socrates ² Belpareil ² Real ²	3	5	Neth	Chile Nit, Sales Corp.	Iquique, Chile	Gulfport, Miss	Nitrate	4.538
Belpareil 2	4	4	Nor	Chile Nit, Sales Corp.	Tocopilla, Chile	Wilmington, N.C.	Nitrate	10,032
Real 2	4	5	Pan	Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z	Bananas	39 35
Sona ² Rita ¹	3	5 5	Pan Neth	Elliot Ship, & Land Co.	Balboa, C. Z	Cristobal, C. Z Cristobal, C. Z Curacao, N.W.I	Bananas Ballast	33
West Madaket	4	5	Amer	Cur. Scheepv. My Sudden & Christenson Seaboard Ship. Co	Portland, Oreg.	Baltimore, Md	Lumber	6,753
Darlington Court ²	4	5	Brit	Seaboard Ship. Co	Vancouver, B. C.	London, England	Lead, lum	8,500 10,209
Jefferson Myers Mussolini ²	5	5 7	Amer Pan	States S. S. Co E. Obarrio	Portland, Oreg Darien, R. P	Philadelphia, Pa. Cristobal, C. Z.	(15) Bananas	80
Virgilio 2	5	6	Ital	Italian Line	Valparaiso, Chile.	Genoa, Italy New York, N. Y. Cristobal, C. Z.	Copper, gen.	
Chipana	4	5	Amer.	Grace Line Royal Neth. S. S. Co.	Callao, Peru	New York, N. Y.	Sugar, conc	[4,560]
Flevo ² Eleni Stathatos	4	8	Neth Greek.	Canadian Transp. Co.	B'ventura, Col	Cristobal, U. Z	(16) Wheat, lum.	375 7,320
L. P. St. Clair 1	4	8	Amer.	Union Oil of Calif	Los Angeles, Cal.	Cristobal, C. Z.	Coo learne	
Steelore	6	6	Amer	Ore S. S. Corp A. P. Moller	Vancouver, B. C. Los Angeles, Cal. Cruz Gr'de, Chile	Plymouth, Eng Cristobal, C. Z Baltimore, Md	Iron ore	21,500
Anna Maersk 2 Blairclova	4	8	Dan Brit	A. P. Moller	Manila, P. I N. Westm'er, B.C.	Baltimore, Ma	Lead, lum	6,920 5,400
Paeific President 2	4 5	7	Brit	Furness, Withy & Co.	S. Francisco, Cal.	Hull, England. London, England	General	8,695
San Bernardino	5 5		Amer	Canadian Ship. Co Furness, Withy & Co. PacAtl. S. S. Co.	Portland, Oreg	Philadelphia, Pa.	Lumber, gen.	8,485
Harberton	5	7	Brit	Dante & Russel	Vancouver, B. C.	Hull, England	Sawn lumber	5,616
Jomar Knute Nelson ²	5	7 7 7 7 7 7	Nor	Lykes Bros. S. S. Co. Fred Olsen & Co	Paita, Peru Seattle, Wash	New Orleans, La. Oslo, Norway New York, N. Y.	General	5,555 7,078
Indianan	5	7	Amer	Chile Exploration Co.		New York, N. Y.	Copper	7.625
Hollywood Saint Gobain ^{1 2} .	5 6	7	Amer.	McCormick S. S. Co Raffineries de Berre	Seattle, Wash	Philadelphia, Pa. Pt. de Bouc, Fr.	Lumber, gen. Crude oil	S,407 14,297
Trontolite 1 2	5	7	Swed Brit	Imperial Oil Ship. Co.	Seattle, Wash Talara, Peru Talara, Peru	Montreal, Canada	Gasoline	7,400
W. S. Miller 1	6	7	Amer.	Standard Oil of Calif.	S. Francisco, Can.	Baltimore, Md.	Furnace oil.	9,615
San Francisco	6	8	Fr	French Line Matson Nav. Co	Vancouver, B. C. Kabului, T. H.	Havre, France	General	6,389
Ewa	6	- 4	Amer Brit	Pacific Steam Nav. Co	Champ'cio, Guat.	Baltimore, Md Cristobal, C. Z	General	8,980
Nyhorn ² Fortuna ² Moldanger ²	6	8	Nor	Knutsen Line	Portland, Oregl	Dublin, Ireland	Lieneral.	6,846
Fortuna 2	7	8	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal C Z	Bananas	7,585
Rimutaka	6	8	Nor Brit	Interocean S. S. Co N. Z. Shipping Co	Lyttelton, N. Z.	Antwerp, Belgium London, England	General Frozen, gen	5 223
Alaskan	6	8	Amer	AmerHawaiian Line.	beautie, wash	London, England Boston, Mass Philadelphia, Pa	General	6,842
Pennsylvania	6	8	Amer	Waverboouser S S Co	S Francisco Cal	Philadelphia, Pa.	(20)	6,842 7,930 7,858
Wind Rush Atlanta City	6	8	Amer	Shepard S. S. Co Isthmian S. S. Lines	Seattle, Wash	Boston, Mass Chester, Pa	Lumber, gen. General	8,334
American Oriole	7	8	Amer	Puget Sound Mills	Tacoma, Wash Seattle, Wash Pt. Angeles, Wash Tocopilla, Chile	Philadelphia, Pa.	Lumber	7,550 7,775
Ferneliff 2	7	8	Nor	Puget Sound Mills Chile Nit, Sales Corp	Tocopilla, Chile	New Orleans, La.	Nitrate	7,775
Norman Star	8-8	8	Brit Amer	Blue Star Line Panama R.R. S.S. Co.	S. Francisco, Cal. Balboa, C. Z	Buenos Aires, Arg. Cristobal, C. Z.	Refrig., gen. Ballast	4,467
Gemstone	8-8 7 7	``s	Brit	Canadian Transp. Co.	Vancouver, B. C.	Liverpool, Eng	Pulp, lumber	7,866
Tennessean	7	8	Amer	AmerHawaiian Line.	S. Francisco, Cal.	Baltimore, Md	General	1,210
Castana	7	9	Amer.	Commer. Mollasses Isthmian S. S. Lines	Nawiliwili, T. H.	Philadelphia, Pa.	Molasses Sugar, pines.	7,129 S,542
Santa Lucia	8	9	Amer.	Grace Line	Honolulu, T. H., SanAntonio, Chile	Baltimore, Md New York, N. Y.	General	5,186
Dakotan	8	8	Amer.	AmerHawaiian Line.	Portland, Oreg	Boston, Mass	General	7,238

¹ Tanker. ² Motor ship. ⁸ Transport. ¹³ Iron ore, sugar. ¹⁴ Naphtha, kerosene, solvent. ¹⁵ Lumber, pulp, general. ¹⁶ Coffee, hides, wood. ¹⁷ Coconut oil, sugar, general. ¹⁸ Sugar, copra, general. ¹⁹ Sugar, canned pineapples, general. ²⁰ Lumber, canned goods. ¹⁹ Sugar, canned goods.

	rived	eleared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date el	ality	(Charterer or operator)	From—	For—	Nature	Long
Esso Copenhagen. City of San Fran- cisco.	8 8		Pan Amer.	Standard Oil Co Panama-Pacific Line	Talara, Peru S. Francisco, Cal.	Aruba, N. W. I. New York, N. Y.	General	14,401 6,597
Tosan Maru Calmar. St. Mibiel ⁸ . Drossfonn ¹ ² . Telde Nero ² Sessa. Colombia ² Paeific Shipper ² . Luna ² Mallard ⁴ .	8 6 9 9 9 9 9 9	10	Jap Amer Amer Nor Hond Neth Dan Pan Brit Pan Amer.	Osaka Syosen Kaisya. Calmar Line. U. S. Army. Peehelbronn, Paris United Fruit Co. Royal Neth. S. S. Co. Wessel, Duval & Co. Elliot Ship. & Land Co. Furness, Withy & Co. A. Tagaropulos U. S. Navy.			General Coffee, gen General	1,164 13,504 10 383 2,780 1,226 8,069 3
S-44 7 S-45 7 S-46 7 S-47 7	10 10 10		Amer Amer Amer Amer	U. S. Navy U. S. Navy U. S. Navy U. S. Navy U. S. Navy	Balboa, C. Z Balboa, C. Z Balboa, C. Z Balboa, C. Z			
¹ Tanker. ² ¹⁵ Plantains, lumber								

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks

of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, \$1.10 per barrel at Cristobal and Balboa; Diesel oil, \$1.90 per barrel at Cristobal and Balboa.

Supplement to Tariff 13.-Coal

The Panama Railroad Company issued on October 11, 1939, supplement No. 3 to Tariff No. 13, making changes as shown below:

Item 21.—COAL (Effective November 1, 1939)

Paragraph 5 of Item 21 to Tariff No. 13 is annulled and the following substituted: 5. The prices of coal, regardless of quantity, and the rates for services in connection with its delivery are as follows: Per ton of 2,240 lbs.

(a)	Coal delivered to vessels at Coaling Plants, trimmed in	Cristobal- Colon	Balboa
(/	bunkers	\$7.75	\$10.75
(b)	Coal delivered to vessels by lighters from Cristobal Coaling Plant, trimmed in bunkers	8.25	
	A flat charge of \$52.50 for lighterage on any quantity delivered will be made in addition to the basic price per ton.		
(c)	For sacking lump coal for galley use, or other grades of coal, in addition to the basic price per ton.		
	Labor, etc	3.00 2.00	3.00 2.00
	If delivery is made at points other than the Coaling Plant, an extra charge covering the cost of delivery will be made.		

Provisions Required by Ships

Commissary Division, Panama Railroad Company, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats (including native beef), ice, fruits, vegetables, eggs, butter, canned goods, cigares, cigarettes and tobacco, which are for sale to ships at reasonable prices.

Orders may be placed in advance by radio for delivery on arrival, or at either

terminal for prompt delivery, or for delivery at the other terminal after transit.

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal,

Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic

Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

in the current tariff or supplements thereto.

Tolls Charges for Transit of the Panama Canal (Effective March 1, 1938)

(Effective March 1, 1938)	
1. Complete transit (one way):	
(a) Merchant vessels, yachts, army and navy transports, colliers, hospital	
ships, and supply ships, when carrying passengers or cargo—	
Per net vessel-ton of 100 cubic feet each of actual earning capacity—that	
is, the net tonnage determined in accordance with the Rules for the	
	\$ 0.90
(b) Vessels in ballast without passengers or cargo—	
Per net vessel-ton	.72
(c) Other floating craft, including warships, other than transports, colliers,	
hospital ships, and supply ships	
Per ton of displacement	.50
2. Part transit:	
Canal, without passing through the locks at the other end, are charged	
charge will be made for pilotage and for handling lines as provided for	
Vessels returning from Gatun Lake to original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only. 3. Free transit: Vessels transiting the Panama Canal by prearrangement from Cristobal to Balboa and return for the sole purpose of having repairs made at Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for	

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices to individuals and companies, as of October 31, 1939:

Commodities	Unit	Price
Brass, bar, average	Lb.	\$0.2
Brass, sheet, average	Lb.	.3
Bronze, Tobin, average	Lb.	.2
Gasoline, motor grade	Gal.	1
Metal, yellow		2
Oakum, Navy, spun		1
Oakum, Navy, unspun		1
Oil, gun and ice machine		.3
Oil, engine, gas, light, in drums, No. 2135.		.2
Dil, engine, gas, extra heavy, in cases, No. 2250.	Gal.	.3
Oil, engine, gas, extra beavy, in drums, No. 2250.	Gal.	.30
Oil, kerosene, in drums		1
Oil, marine, engine		.4
Paint, lead, white, dry		1 1
Paint, lead, white, in oil		[1
Paint, zinc oxide, dry		.09
Paint, zinz oxide, in oil		1 1
Grease, gear, chain and wire rope, lubricating		.0.
Grease, yellow, cup, medium		.0
Grease, yellow, cup, hard	Lb.	0'
Soda, ash		.03
Waste, cotton, colored		1
Waste, cotton, white		i

Location of Patients, and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings, and the visiting hours for the various wards and sections.

Section and Ward	Visiting Hours
Section "A:" Private and semiprivate rooms Wards	Daily, 9:30–11 a. m.; 2–4:30 p. m.; 6:30–8 p. m. Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30– 7:30 p. m. Sunday and holidays, 9:30–11 a. m.; 2:00–4 p. m.
Section "B:" Wards 5, 6, and 7. Ward 8 (maternity ward)	Daily, 9:30-11:00 a. m.; 2:00-4:30 p. m.; 6:30-8:00 p. m. Daily, 2:30-4:00 p. m.; 6:30-8:00 p. m. Visitors to this ward will be limited to the husband and to the immediate family, i. e., father or mother or, if no parents are at hand, to one woman friend who shall be designated by the patient. Visits to the maternity ward will be limited to ten minutes during the designated visiting periods.
Nursery. Section "C:" Wards 9 (colored section), 11, 12, and 13	No visitors are permitted in the Nursery at any time. Wednesday, Friday, Sunday, and holidays, 1-2:30 p. m. Visitors from Atlantic side may remain until 3 p. m. Tuesday, Thursday, and Saturday, 2:30-4:30 p. m.; 6:30-7:30 p. m. Sundays and holidays, 9:30-11 a. m.; 2:30-4:30 p. m.; 6:30-7:30 p. m. Visitors to venereal eases in wards 13 and 14 will be limited to two members of patient's immediate family.
Section "D:" Wards 15 and 16	Tuesday, Thursday, and Saturday, 2:30-4:30 p. m.; 6:30-7:30 p. m. Sundays and holidays, 9:30-11 a. m.; 2:30-4:30 p. m.;
Wards 17, 19, and 20	6:30-7:30 p. m. Wednesday, Friday, Sunday, and holidays, 1-2:30 p. m. Visitors from Atlantic side may remain until 3 p. m. Daily. 9:30-11 a. m.; 2-4:30 p. m.
Isolation section.	No visitors permitted except to adults to visit tuberculosis patients Thursday, Sunday, and holidays, 1:30-3 p.m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office.

Immediate relatives of seriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

Dispensary Hours

Location	Week	Sundays and holidays	
Ancon Balboa Colon Gatun Gamboa Pedro Miguel	8:00-11:00 8:00-11:00 8:00-11:00	Afternoon 3:09-5:00 3:00-5:00 3:00-5:00 3:00-5:00 3:00-5:00 3:00-5:00	Morning 9:00-10:00 9:00-10:00 8:00-10:00 8:30- 9:30 9:00-10:00 9:00-10:00

Gorgas Hospital Out-Patient Clinic Hours

	Daily, except Sundays and holidays		
Medical Clinic. Branch Medical Clinic, by appointment only. (Consultations only on Saturday, 8–12 a. m.)	8:00-12:00	Afternoon *2:00-4:00 1:00-4:00	
Allergy Clinic, by appointment only, Thursday		1 2:00-3:00	
Eye, Ear, Nose and Throat Clinic, white patients. Eye, Ear, Nose and Throat Clinic, colored patients. X-Ray Clinic.	*8:00-12:00 8:00-12:00	1:00-4:00	
Hydro-Therapy Clinic	8:00-12:00 8:00-12:00	1:00-4:00 1:30-4:00	
Silver Dental Clinic	8:00-12:00	1:00-4:0	

^{*} And by appointment.

Colon Hospital and Dispensary Clinic Hours

	Week	Sundays and holidays	
Eye, Ear, Nose and Throat Clinic. Gold Clinic. Silver Clinic. Surgical Clinic Maternity and Children's. Silver Dental Clinic. X-Ray.	8:30-11:00 8:00-11:00 8:30-11:00 8:00-12:00	2:00-5:00	Morning 8:00-10:00 8:00-10:00 8:00-10:00

^{*} Excepting Fridays

Visiting Hours, Colon Hospital

Section and Ward	Visiting Hours
Ward A, male, white (ward and semiprivate rooms) Ward C, male and female, white (ward and private rooms) (No visitors allowed in nursery) Ward B, female, colored (ward and semiprivate rooms)	Daily, 2 to 4 p. m.; 6:30 to 8 p. m. Daily, 2 to 4 p. m.; 6:30 to 8 p. m. Tuesday, Thursday, Sunday, and holidays, 2 to 3:30 p. m.
Ward E, male, colored	Tuesday, Thursday, Sunday, and holidays, 2 to 3:30 p.m.

Visiting Hours. Corozal Hospital for the Insane

Sundays, Wednesdays, and holidays:

9 a. m. to 10:30 a. m. 1 p. m. to 3:30 p. m.

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OILS, FORCE FEED AND MOTOR CYLINDER

Medium, No. 2135 .--A medium oil for the lubrication of main turbines not driving through reduction ars, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication. Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines gears, dynamos, and small internal combustion engines. with reduction gears, medium size internal combustion engines, and forced feed on main engines. A

with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2350.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50.

Diesel engine by high city of the propinge.

Diesel engine lubricating .- For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric loco-

motives.

motives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steamshowels, etc.

of cranes, dredges, steamshovels, etc.

or cranes, dredges, steamshovels, etc.

Machine, odorless.—For use on typewriters.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated

Neatsfoot.—For softening and preserving leather. Solvent.—Rust-preventing lubricant, for general use. Sperm.—Used principally by U. S. Navy.

THE PANAMA CANAL RECORD



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Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical

information and is required for the proper transaction of the public business.

Volume XXXIII Balboa Heights, C. Z., December 15, 1939 No. 1

Holiday Greetings

BALBOA HEIGHTS, C. Z., December 13, 1939.

At this Holiday Season, I desire to express my warm appreciation of the loyal and faithful service rendered during the year now drawing to a close by all officers and employees associated with me in the Panama Canal and the Panama Railroad Company, and to extend to them and the members of their families my best wishes for a Merry Christmas and a Happy New Year.

I desire also to extend the greetings of the Holiday Season to our good friends and neighbors of the Republic of Panama, to all those associated with us in the shipping world, and to those in the military and naval service on the Isthmus.

It is my hope that you may all enjoy health, happiness and contentment in the fullest measure during the coming year.

C. S. RIDLEY,

Governor, The Panama Canal, President, Panama Railroad.

Traffic Through the Panama Canal in November 1939

The total vessels of all kinds transiting the Panama Canal during the month of November 1939, and for the same month in the two preceding years, are shown in the following tabulation:

	N	ovember 19	November		
	Atlantic to Pacific	Pacific to Atlantic	Total	1938	1937
Ocean-going commercial traffic. Small commercial vessels ¹ . Noncommercial vessels:	266 38	223 32	489 70	505 67	435 75
United States Government Colombian Government For repairs.	17	15 1 1	32 1 2	41 2	23 4
Total	322	272	594	615	537

¹ Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC 2

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the 12-month period ended November 30, 1939, as compared with the 12-month period ended November 30, 1938:

Month	No. of vessels			Canal net nage	Tons of cargo		Tons of cargo Tolls		
1.101111	1938-9	1937-8	1938-9 3	1937-8 4	1938-9	1937-8	1938-9	1937-8	
December January February. March April May June July August	509 525 501 553 496 506 479 485 490 457	439 444 436 506 487 465 445 429 468 438	2,336,011 2,380,916 2,282,318 -2,586,580 2,278,326 2,341,894 2,268,679 2,254,398 2,247,009	2,070,000 2,053,000 1,993,000 32,311,526 32,258,836 32,150,228 32,064,793 31,933,816 32,177,699 32,005,241	2,374,395 2,393,360 2,206,963 2,664,068 2,472,504 2,538,949 2,437,087 2,317,697 2,385,039 2,445,700	2,046,170 2,095,402 1,998,827 2,268,548 2,279,235 2,309,171 2,122,389 2,025,660 2,171,674 1,998,464	\$2,031,017.04 2,062,454.16 1,996,735.66 2,252,156.28 1,999,851.16 2,053,502.16 1,977,431.94 1,974,380.72 1,964,776.48 1,855,574.29	\$1,845,048.20 1,837,894.72 1,786,611.45 2,015,855.34 1,961,456.58 1,886,825.66 1,801,291.78 1,694,205.00 1,890,050.74	
September. October November.	458 489 5,948	494 505 5,556	2,119,418 2,068,665 2,178,556 27,342,770	\$2,003,241 \$2,276,194 \$2,302,333 25,596,666	2,386,314 2,472,503 29,094,579	2,359,673 2,223,830 25,899,043	1,815,210.24 1,815,210.24 1,915,075.38 23,898,165,44	1,977,706.76 1,984,014.72 22,422,586.41	

² Ocean-going commercial traffic includes only tolls-paying vessels of 300 nct tons or over, Panama Canal measurement

ment.

3 Panama Canal net tonnage as figured under rules which became effective March 1, 1938.

4 Estimated tonnage under rules which became effective March 1, 1938.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons, (Panama Canal measurement), which transited the Panama Canal during the month of November 1939. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific. Pacific to Atlantic	38 32	1,694 1,274	\$1,370.70 1,145.70	1,274 1,561
Total	70	2,968	2,516.40	2,835

Traffic by Nationality of Vessels 5 for November 1939

Nationality		Panama Canal net tonnage	Tolls	Tons of cargo	
British	6 79	403,756	\$359,440.32	341,961	
C'hilean	4	16,956	14,916.06	7,903	
Danish	21	75,865	67,941.36	95,519	
French	6	24,873	21,582.18	18,04	
Greek	26	118,560	101,595.42	158,43	
Honduran	4	6,486	5,837.40	4,40	
Hungarian		3,932	3,538.80	7,02	
Italian		47,022	42,319.80	22,69	
Japanese		145,796	130,073.94	173,51	
Netherland		64,624	56,514.78	73,58	
Norwegian		298,819	257,900.76	370,65	
Panamanian		57,560	48,229.56	64,91	
Philippine		4,871	4,383.90 45,298.08	$\begin{array}{c c} 3,95 \\ 78.18 \end{array}$	
Swedish		51,488			
United States	171	837,092	738,280.44 17,222.58	$\begin{bmatrix} 1,030,52\\ 21,17 \end{bmatrix}$	
Yugoslav	9	20,856	17,222.38	21,17	
Total	489	2,178,556	1,915,075.38	2,472,50	

⁵ Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Trade Routes for November 1939

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo is frequently laden or discharged at ports en route, the cargo ton-

Includes 5 naval vessels of 25,773 displacement tons.
 Includes 1 naval vessel of 999 displacement tons.

nage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

	A	Atlantic to P	acific	Pacific to Atlantic		
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal. East coast United States and:	61	306,015	266,150	55	277,129	466,260
Canada Central America/Mexico	2 6	11,541 7,366	7,921 7,861	2 3	8,527 6,874	15,460 9,472
South America	25	105,510	31,766	28	121,406	231,840
Hawaiian Islands Australasia	3 6	13,834 26,629	11,171 43,447	5	24,000	40,387
Philippine Islands.	8	44,935	36,207	12	60,277	88,852
Far East East coast Canada and:	43	207,056	327,480	5	27,374	26,514
United States	1	2,965	6,262	1	1,825	3,587
South America		17 005	10.059	2 5	6,167	10,047
Australasia Far East	3	17,625 5,892	18,853 7,829	5	25,639	34,323
Far EastCentral America/Mexico intercoastal	1	6,264	12,047	3	9,019	800
East coast Central America/Mexico and: South America				1	1,913	
Far East	1	6,169	11,708			
South America intercoastal	. 3	1,391	1,962			
United States	4	14,495	6,941	2	7,175	6,735
Canada Philippine Islands.	2	8,825 5,331	11,344 6,524			
Far East	î	4,926	5,230	1	5,409	4,681
Cristobal and: United States.	1	5,932		1	5,932	8.058
Central America/Mexico	4	2,806	2,866	5	4,433	1,193
South America	18	14,018	10,750	18	12,152	11,082
United States	4	21,052		5	32,008	60,437
Canada Central America/Mexico	····i	1,589	3,290	1	2,675	2,380
South America	4	16,508	30,243	2	8,942	17,481
Balboa Far East	4	10,856	11,547	3	5,433 4,855	4,669
Europe and:				1	4,500	4,00
United States. Canada	8	43,718 75,741	$12,310 \\ 6,322$	8 28	41,371	50,428
South America	12	71,468	12,514	128	147,294 72,654	223,511 95,028
Hawaiian Islands. Australasia	1 7	6,196 54,209	10.000	7	47 070	45.00
Far East	8	46,785	13,323 54,420	2	47,079 10,186	45,691 14,314
Africa and: Canada		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1		1
South America	1	6,800			3,212	5,127
Around the world	8 3	14,652	9,229	1	5,991	6,629
Vessels not engaged in commerce. Foreign vessels in ballast (U. S. intercoastal)	1 3	2,506		8 3		
Total	266	1,191,605	987,517	223	986,951	1,484,986
	200	1,101,000	301,011	220	900,931	1,404,980

⁸ Naval vessels.

Origin and Destination of Cargo by Major Areas, November 1939

The following table summarizes the origin of cargo passing through the Canal in November 1939, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	United States	Other North America	Asia	South America	Austral- asia	Total	
North America: United States Other North America Europe Miscellaneous.	278,130 8,746 16,433 15,827	20,356 32,370 1,239 1,119	396,123 16,542 29,749 8,563	29,882 46,296 9,193 1,326	43,991 18,309 13,323	768,482 122,263 69,937 26,835	
Total	319,136	55,084	450,977	86,697	75,623	987,517	

PACIFIC TO ATLANTIC

Origin	United States	Other North America	Europe	Miscel- laneous	Total
North America: United States. Canada Other North America South America Australasia Asia	432,819 15,460 49,847 247,549 5,587 111,033	85,433 2,429 2,005 44,567 28,736 13,036	103,286 163,352 7,036 94,731 45,691 12,397	10,859 7,205 131	632,397 188,446 58,888 386,978 80,014 138,263
Total	862,295	176,206	426,493	19,992	1,484,986

Principal Commodities

Commodities which aggregated 10,000 or more tons either during November 1939, or in November 1938, are listed below:

Commodity	Nove	mber	Commodity	November		
Commodity	1939	1938	Commodity	1939	1938	
Atlantic to Pacific Automobiles and parts Cement Chemicals Oad and coke Ootton, raw ron and steel Machinery Mctals, various Dils, mineral Paper Chosphates Railroad material Salt Serap metal Sulphur Cinplate Vood pulp Pacific to Atlantic Insphalt and tar	2,066 12,434 6,627 38,965 166,883 15,108 30,203 154,905 28,343 11,696 1,399 11,462 179,359 51,723 19,405	13,491 17,150 12,263 27,204 23,174 112,687 12,933 36,885 86,485 37,031 9,648 12,338 2,981 93,827 25,277 4,43 4,918	Pacific to Atlantic—Continued Beans, edible, dry Canned food products Coffee. Cold storage (food products) 9 Copta. Cotton, raw Frour. Frour. Fruit, dried Fruit, fresh 10. Lumber Metals, various Nitrates Oils, mineral Oils, vegetable Ores Rice Soy beans Sugar Wheat Wood pulp.	17,255 141,314 13,800 20,983 25,558 8,381 12,106 48,110 20,567 295,653 61,220 87,266 214,281 14,200 14,400 14,401 3,454 111,676 32,164 21,236	15, 423 115, 851 10, 524 11, 210 24, 848 11, 096 17, 175 56, 867 52, 677 224, 178 13, 420 168, 885 1, 928 32, 921 166, 331 116, 333 116, 331 22, 601	

⁹ Except fresh fruit. 10 Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of November 1939, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise, but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity		States oastal	Total for all trade routes including U. S. intercoastal	
Commonty	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts Agricultural implements Alfalfa meal	358	91 215	1,597	122 150 330
Ammonium compounds. Animal foods '1. Apparel, wearing (hats, shoes, clothing, ctc.)	15	193	8,622 29 139 6,886	193 3 40
Asphalt and tar Automobiles (and autotrucks) Automobile parts and accessories	184 1,101 683	11,400 5 7	2,998 6,146 5,674 351	11,800 7 27
Bags and bagging, textile. Bamboo and products. Bananas.				453 2,591

¹¹ Except as otherwise classified.

		States oastal	Total for routes in U. S. int	ncluding
Commodity	Atlantic to Pacific	Pacific to Atlantic	Atlantie to Pacific	Pacific to Atlantic
arks, miscellaneous.		34		75
arlov				17,21, 17,25
eans, edible, dry lecr	. 83	5,212	329 409	17,25
Blood and tankage			340	7.
blood and tankage ones and bone meal ooks and printed matter			2,314	
looks and printed matter		89 339	503	5,16
orax Fran and pollards		34	505	1,87
ricks and tile	.1 21		1,268	
amphor, crude anned and preserved goods:				11
Fish	. 545	11,044	770	27,57
Fruit	. 405	31,776	441	78,80
Meat	. 76	38 198	1,412 199	25 24
Milk. Soup.	2.600	195	2,656	24
Vegetables. Miscellaneous and unclassified.	. 2,600 1,009	13,108	1,085	13,42
Miscellaneous and unclassified	. 2.445	19,811	2,911	21,00
arbon black. 'elite	. 15	230	832	23
Cement	. 467		2,066	30
halk			1,523	
'harcoal	43 4,354	867	47 12,434	1,99
Chemicals ¹¹ Clay, china and fire Clay, filtering	. 454		644	
lay, filtering	. 703	332	713	60
oal	. 1.800	18	1,969 548	44
ocoa and cacao beans	79	553	236	1,24 13,80
Coffee	. 98	142	8,393	13,80
okeold storage and refrigerated products:	. 1,460		4,658	
Dairy products	. 26	141	126	9,71
Eggs. Fish				22
Fish	. 132		256	74
Lard	. 470	82	506 62	9,97
Vegetables.				11
Vegetables. Other and unclassified.	. 70		99	14
Confectionery	. 1,532		1,649	24,37
Opra Opra meal and cake				1,18
Corn	. 892		892	
otton, raw	. 223 6,500	321	38,965 6,500	8,3
Creosote Orugs and medicines.	2,124	20	2,523	
)yes			185	
Earthenware			80	3
Eggs, dried Electrical apparatus and appliances Enamel and metalware	2,554	98	4,466	2
Enamel and metalware	. 608	75	955	1:
Explosives	- 247	37	248 3,185	1:
Extract, quebracho	1,386	11	1,839	5
Pertilizers 11 Pish, salted or dry-cured				
Fish meal	44	1 520	0 000	6,1
Floor coverings.	2,591	1,530 9,944	2,829 1,197	2,1 12,1
Flour Fruit, dried		18,048	20	48,1
Fruit, fresh 11. Furniture and household goods.	. 12	602	597	20,5
Gallnuts.	. 244	29	246	4
General	. 15,412	4,226	37,331	10,3
Glass and glassware	. 1,798	81	3,376	6
GlueGrains 11	. 35	18 12	35 120	3
Groceries	1,101	917	1,817	1,3
Gums Hair, all kinds		60	10	3
dair, all kinds		248		5
Hay Hemp, unmanufactured	139	291	139	3,3
Honey		131		2
Horns and hoofs		070	23	
Infusorial earth		. 379	6	9
pipe, etc.	106,955	514	166,883	2,5
vory nuts. Jute, unmanufactured	30		30	2,2

¹¹ Except as otherwise classified.

0		States oastal	routes i	all trade neluding ercoastal
${f Commodity}$	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Lime Liquors. Lumber (including manufactured mill products) Machinery. Mat	90 5,059 3,372 2,536	173 156,417 652	335 6,273 4,152 15,108 101	202 285,653 731 42
Malt. Manufactured goods 11. Marble and granite. Matches. Matches.	6,788 126 143	2,220	14,355 530 213	3,044
Antimony Copper. Gold and silver. Iron Lead. Tin Zine. Other and unclassified Milk, powdered.	581 250 1,426 74 18 676	18 1,389 12 100 75 51 40 45	40 11,504 250 13,113 1,850 334 837 2,275 38	117 40,089 26 12 13,926 1,771 5,093 186 387
Molasses and syrups. Nitrate. Nuts, edible (including meats). Oats.	240	18 27 788 254	260 6,479 177 97	7,536 87,266 894 1,129
Oils, mineral; Crude Gas and fuel. Gasoline, benzine, and naphtha. Kerosene. Lubricating and greases Other and unclassified.	17	9,332 32,032 17,522 3,823 659 5,816	46,347 56,956 14,480 233 35,666 1,223	61,099 47,798 43,063 43,380 794 18,147
Oils, vegetable: Coconut. Cottonseed Linseed. Olive.	112	1,686	16 1,636 105 130	6,54S 77
Rapesced. Wood. Other and unclassified. Oil, fish. Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.). Oilseed cake and meal.	73 58 125	31 74 2,767 22	76 196 164 4,618 3,514	1,707 2,858 3,010 3,184 1,006 5,178
Ores: Antimony Chrome Copper. Gold and silver.	195	57	195 1,690 30	1,387 23,655 654 2,847
Iron Magnesite Manganese Tin	148	2,848 278	397	114,105 2,848 1,408 3,487
Zinc Other and unclassified Paints and varnishes Paper and paper products ¹¹ Peanuts Peanuts Peas, dry	1,211 11,548 427	140 117 6,226	1,077 5,777 3,126 28,343 427	4,508 10,531 459 7,773 243 918
Peatmoss Phosphates Plaster Porcelainware Potash	10 386 246	125 359 2,927	354 11,696 36 425 3,037	6,550 2,067 8,165
Pyrethrum flowers. Rags and waste. Railroad material. Rice. Rope and twine. Rosin.	273 111 978 275 2,337	712 62 10	1,469 1,399 1,007 322 4,318	404 735 25 14,461 214 10
Rubber: Manufactured	1,071	103	1,638	203 6,063 109
Scrap. Salt. Sand. Scrap metal. Seeds (except dilseeds).	110 2,130 83 409	1,825 188 523	11,462 3,130 179,359 368 415	1,925 306 1,141 154
Shells, oyster. Silk, raw. Skins and hides. Slate. Soaps and products.	14 4,027 2,929	76 1,422	610 4,027 3,193	1,807 6,631 299

11 Except as otherwise classified.

Compality.	United interc		Total for routes in U. S. int	ncluding
${f Commodity}$	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Soda and sodium compounds: Soda ash. Soda (ash). Miscellaneous and unclassified. Soy beans. Spices. Sugar Sulphur Tale. Tallow. Tea. Textiles 12 Tinplate. Tobacco and manufactures. Tollet preparations. Turpentine. Vegetables, dry 11 Waltboard Wax, paraffin. Wheat Wines. Wood pulp Wool. Total, November 1939. Total, November 1939.	144 415 568 404 289 28,383 58 13 70 4,438 1,610 321 22 21 80 19 9 2,222 1,811 278,130	45 22,869 45 107 559 12 36 150 178 95 46 25 153 2,088 16,934 1,270 432,819 381,185	2,022 1,992 877 429 485 8 51,723 70 368 77 7,679 19,405 2,868 27 939 124 259 1,243 355 18,729 2,484 987,517	744 291 3,454 346 111,676 80 701 1,859 1,560 3,251 150 821 95 299 197 473 32,164 2,929 21,236 2,864 1,484,986 1,486,483
Total, November 1937	221,869	344,066	752,103	1,433,180

¹¹ Except as otherwise classified.

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of November 1939:

		Atlantic to Pa	cific	Pacific to Atlantic			
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo	
United States intercoastal East coast United States and: Central America.	9	50,172 966	13 6,500	7	42,305	14 79,861	
Hawaiian Islands	3	18,581	36,214	1	3,753 4,359	15 7,129 7,400	
Central America/Mexico intercoastal East coast Central America/Mexico and:	1	6,264	12,047	i	6,347		
South America	<u>1</u>	6,169 5,932	11,708	1	1,913	8.058	
West Indies and: United States.	3	15,056		5	32,008	60,437	
South America	3 3	14,410 5,433	30,243 11,547	2 3	8,942 5,433	17,481	
Europe and: United States South America	1 5	7,967 26,816		4	26,377	51,581	
Hawaiian Islands	1	6,196 6,800					
Total	33	170,762	108,259	26	137,369	231,947	

¹³ Creosote. 14

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies available for sale to ships.

¹² Cotton, silk, wool, rayon goods.

¹⁴ Includes 11,346 tons of asphalt.

¹⁵ Molasses.

Comparison of Canal Traffic in November 1939, with November Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

	1	Month of Nove	ember		Average per month for fiscal year				
Calendar year	No. of transits	Panama Canal net tonnage	Tons of cargo	Fiscal year	No. of transits	Panama Canal net tonnage	Tons of cargo		
1914 16. 1915. 1916. 1917. 1919. 1919. 1920. 1922. 1922. 1922. 1924. 1925. 1926. 1927. 1928. 1929. 1930.	86 142 174 177 1772 231 218 290 430 474 417 404 540 519 510 464 365	(000 omitted) 290 403 541 471 552 859 871 1,237 2,029 1,732 1,876 1,878 2,396 2,282 2,310 2,192 1,851	(000 omitted) 447 512 695 626 575 985 1,427 2,218 1,962 2,023 2,271 2,488 2,500 2,533 2,262 1,577	1915 17 1916	100 60 145 165 162 199 232 222 325 429 382 424 441 521 524 447 364	(000 omitted) 334 184 447 506 472 659 879 880 1,434 2,016 1,761 1,909 2,020 2,269 2,299 2,310 2,140 1,820	(000 omitted) 466 258 588 627 576 781 966 907 1,631 2,249 1,996 2,311 2,468 2,554 2,502 2,089 1,650		
1932 1933 1934 1935 1936 1937 1938 1939	365 432 469 418 368 435 505 489	1,882 2,214 2,355 2,004 1,636 2,110 2,302 2,179	1,531 1,949 2,339 2,050 1,747 2,185 2,224 2,473	1933 1934 1935 1936 1937 1938 1939 11 mos. cal. yr.1939	347 436 432 449 467 460 492 494	1,758 2,201 2,143 2,163 2,239 2,163 2,264 2,273	1,513 2,059 2,109 2,209 2,507 2,282 2,322 2,429		

¹⁶ Canal opened August 15, 1914.

Terminal Activities

Ships repaired during the month of November 1939, numbered 58. Vessels released from drydock numbered 4. Fuel oil amounting to 422,130 barrels was delivered as bunkers to 162 commercial vessels. Bunker coal amounting to 12,822 tons was delivered to 33 commercial vessels. Sales of commissary supplies to ships aggregated \$46,837.

Cargo Handled at Terminal Ports

Local eargo arriving tons. Local eargo shipped tons.	Cristobal 33,209 1,576	Balboa 11,254 378	Total 44,463 1,954
Cargo received for transshipmenttons.	56,136	277	56,413
Cargo transshipped	49,203	288	49,491
"Canal Zone for Orders" cargo:			
Number of receipts issued	4	2	6
Number of releases issued	43	19	62
Tons received	92	S	100
Tons withdrawn	44	19	63

All Vessels Entering and Clearing Port

		Port of Cris	tobal	Port of Balboa			
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage	
Ships entering All vessels, including those transiting Canal. Vessels entering port but not transiting Canal. Vessels transiting Canal and handling passengers and cargo at terminal ports	553	3,202,304	1,935,045	515	2,954,626	1,803,540	
	65	312,514	166,231	15	62,492	39,923	
	105	594,735	350,892	78	537,087	330,932	
Ships clearing All vessels, including those transiting Canal Vessels clearing port but not transiting Canal Vessels transiting Canal and handling passengers and cargo at terminal ports	560	3,232,195	1,953,824	518	2,995,211	1,830,976	
	64	289,246	152,904	15	65,191	40,778	
	111	632,956	373,965	77	529,292	324,748	

¹⁷ Average for 10½ months.

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month of November 1939. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Erria, 113, 711 Oropesa, 3, 6 Maravi, 1,473, 1 West Portal, 130, 228 Hokkai Maru, 696, 338 Cacique, 1,116, 160 Yamazato Maru, 580, 0 Erria, 113, 711

Ancon, 5,491, 632
Conte Grande, 412, 33
West Ira, 178, 322
City of Los Angeles, 619, 0
Santa Clara, 291, 50
Santa Clara, 291, 50
Santa Clara, 291, 50
Sonta Clara, 1116, 160
Salvador, 0, 1
Solemetsad, 0, 4
Solemetsad, 0, 4
Sonta Clara, 291, 50
Sonta Clara, 178, 322
Salvador, 0, 1
Solemetsad, 0, 4
Sonta Clara, 291, 50
Sonta Clara, 291, 50
Sonta Clara, 178, 322
Salvador, 0, 1
Solemetsad, 0, 4
Sonta Clara, 291, 50
Sonta Clara, 291, 50
Sonta Clara, 178, 322
Salvador, 0, 1
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Sol Yamazato Maru, 550, 0 Quirigua, 68, 257 Santa Rosa, 104, 340 Orazio, 477, 66 Nuevo Panama, 175, 0 Cefalu, 546, 424 Santa Inez, 99, 9 Trajanus, 2,656, 2,599 Kirisima Maru, 218, 0 Ferndale, 0, 1 Imperial, 3, 0 Sono 0, 98 West Portal, 130, 2: Sophocles, 396, 57 Breda, 1,242, 1 Chiriqui, 848, 161 Cacique, 1,415, 255 Ivaran, 315, 6 Draco, 433, 200 Real, 16, 0 Quirigua, 227, 868 Draco, 595, 597 Pereira, 279, 761 American Press, 1,646, Sona, 0, 28 Costa Rica, 51, 1,395 51 Cristobal, 4,298, 561 Sona, 0, 44 Tai Ping, 0, 5 Sofie Bakke, 0, 2 Europa, 11, 0 Plato, 0, 56 Jamaica, 321, 638 Takaoka Maru, 650, Chateau Thierry, 341, Costa Rica, 51, 1,395 Aucon, 4,627, 1,009 Telde, 183, 1,160 Santa Lucia, 223, 49 Orotava, 11, 279 Australian, 0, 2 Toloa, 925, 162 Manto, 381, 443 Marchen Maersk, 0,11 Pereira, 279, 761 Prusa, 324, 3 Macabi, 40, 72 Flevo, 408, 728 San Pablo, 190, 313 Hiudanger, 0, 383 Santa Paula, 261, 393 San Rafael, 655, 71 Colombia, 1,560, 640 Sixaola, 1,050, 473 Manto, 426, 631 Fernhill, 0, 7 151 Helga, 0, 2 Amapala, 418, 249 Salvador, 0, 197 Santa Paula, 261, 393 Chancellor, 614, 0 San Rafael, 655, 71 Virgilio, 55, 74 Knute Nelson, 48, 544 Chiriqui, 107, 377 Veragua, 589, 218 City of Los Angeles, 7 Margaret Johnson, 302 0 Musa, 2,080, 868 City of Dalhart, 248, 0 Sambu, 0, 93 Flevo, 184, 275 Talamanca, 747, 3 Santa Barbara, 280, 30 Macabi, 0, 5 Villanger, 1, 0 Musa, 1, 0 Toloa, 1, 0 418 Chiriqui, 107, 377 Margarethe Bakke, 29, Douro, 0, 599 381 Santa Marta, 583, 253 Contessa, 0, 3 Colombia, 1,373, 1,634 Colombia, 1,373, 1,634 Hoyanger, 36, 448 Fjordaas, 0, 4 Santa Paula, 419, 103 San Pablo, 1,363, 205 City of Baltimore, 513, Acajutla, 8, 1 Panama, 4,634, 546 381 Santa Marta, 583, Mauna Kea, 411, 519 Venezuela, 170, 165 Anna Maersk, 661, 129 Chaumont, 83, 19 Cefalu, 416, 163 Draco, 606, 483 Orduna, 31, 33 Rialto, 87, 2 Sambu, 0, 147 Platano, 2,755, 0 Nero, 414, 271 Santa Lucia, 211, 13 Astoria, 0, 4 Orotava, 241, 615 Vermont, 1,540, 0 Jamaica, 187, 153 Tosan Maru, 496, 0 Ulua, 595, 79 Telde, 13, 514 Colombia, 1,114, 674 Nightingale, 199, 228 Istmo, 173, 11 Jeff Davis, 650, 4 Platano, 2, 0 Oropesa, 2, 0 Ferneliff, 0, 5 Santa Lucia, 211, 13 Sambu, 0, 147 Platano, 2,755, 0 Winnipeg, 100, 0 Disa, 36, 36 Marna, 0, 4 Istmo, 0, 7 Conte Grande, 67, 247 San Simeon, 691, 8 Hulda Maersk, 0, 1
Copiapo, 0, 34
Tamesis, 8, 0
City of San Francisco, 281, 0
Santa Maria, 255, 22
Hercules, 500, 2,708
Nero, 423, 412
Nuevo Fanama, 22, 53
Radium 1, 0 Republic, 34, 77 Vilja, 0, 1 Vilja, 0, 1 Sambu, 0, 122 Crawford Ellis, 0, 754 City of Norfolk, 448, 1 Nemours, 97, 0 Orbita, 288, 446 San Jose, 275, 152 Santa Rita, 741, 505 Ces 246, 672 Baarn, 1, 0 Choluteca, 260, 801 Santa Clara, 415, 57 Aconcagua, 4, 0 Panama, 10, 0 Planter, 419, 0 Real, 0, 24 Ferncliff, 0, 5 Ciss, 946, 973 Fernmoore, 0, 7 Tiberius, 216, 1,918 Strabo, 90, 174 Olancho, 510, 220 Neevo Panama, 22, 53 Radium, 1, 0 Silver Willow, 833, 0 Manto, 404, 237 Real, 0, 55 Platano, 2,582, 825 Real, 0, 18 Toloa, 10, 0 Colombia, 1,471, 756 Maui, 3, 0 Esso Balboa, 71, 0 Arizona, 34, 0 BALBOA

Deroche, 229, 0 City of Newport News, Akaroa, 0, 16 1, 0 Plato, 0, 1 Acajuta, 1, 0
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Acajuta, 1, 0
Acajuta, 1, 0
Ac Rangitata, 0, 1 Sagittaire, 5, 1 Nyhorn, 1, 0 Tosan Maru, 2, 0 Ginyo Maru, 185, 0 West Ira, 105, 0 Orbita, 1, 7 Colombia, 0, 2

Colombia, 0, 2

Colombia, 0, 2

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Colombia, 0, 2

Colombia, 0, 2 Venezuela, 2, 0 President Harrison, 17, Ciss, 0, 1 Colombia, 0, 1

158, 1 Santa Maria, 267, 6 Acajutla, 1, 0 Copiapo, 0, 2 Colombia, 1, 0 Colombia, 0, 2 Santa Barbara, 8, 0 City of Los Angeres, Colombia, 1, 0 Arimasan Maru, 4, Colombia, 0, 2 Sofie Bakke, 0, 1 Chateau Thierry, 856, Oregon Express, 349, 2 Santa Inez, 1, 0

City of San Francisco, Republic, 482, 188 Colombia, 1, 0 Lotta, 1, 0 Santa Lucia, 235, 17 Salvador, 1, 0 Aconcagua, 11, 0 City of Los Angeles, 1, 7 Orazio, 0, 4 Sophocles, 1, 0 City of Baltimore, 173, City of Dalhart, 71, 0 Trajanus, 0, 1 Santa Clara, 24, 1 Salvador, 0, 1

Note.—Figures shown represent short tons of 2,000 pounds.

Passengers

During November 1939, ocean ship passengers debarking at Cristobal numbered 2,018, embarking 1,279; at Balboa, 1,455 debarking, 420 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 6,113; from the Pacific to the Atlantic, 1,121. Commercial aircraft numbering 62 entered Cristobal with 308 passengers debarking; clearances were 64 with 335 passengers embarking. Balboa entries of aircraft numbered 55, with 139 passengers debarking; clearances were 55, with 138 passengers embarking.

Movements of Ocean Vessels Through the Panama Canal From midnight November 10, 1939, to midnight December 10, 1939

	ATLANTIC TO PACIFIC												
	rrived	eared	Nation-	Line	Pe	ort	Cargo						
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons					
Trianon 2	10		Nor	Barber Line	Jossingtjord, Nor.	Moji, Japan	Ore, cotton	8,245					
Peleus	10 10		Greek. Brit	Mitsui Line Anglo-Can. S. S. Co.	Norfolk, Va	Osaka, Japan N. Pac. ports	Scrap iron	7,489					
Reynolds Vermont	9	11	Amer.	CalifEastern Line	Barry, England New York, N. Y.	Portland, Oreg	Ballast General	4,042					
Julia Luckenbach.	11	11	Amer.	Luckenbach Line	Boston, Mass Newp't News, Va.	Seattle, Wash	Paper, gen	3,467					
Malay 1	11	11	Amer	Shell Oil Co	Newp't News, Va.	Los Angeles, Cal.	Ballast.						
Tai Ping 2	11 11	11 12	Nor Dan	Barber-Wilhelmsen. Wessel, Duval & Co	New York, N. Y.	Los Angeles, Cal. Talcahuano, Chile	General	5,140 2,213					
Laila	11	12	Pan	Elliot Ship. & Land Co.	New York, N. Y. Cristobal, C. Z. New York, N. Y.	Balboa, C. Z	General	2,210					
President Harri-	12	12	Amer	Amer. President Lines	New York, N. Y.	Bombay, India	General	4,270					
son. City of Newport News.	12	13	Amer	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	3,593					
Iowan	11	12	Amer.	AmerHawaiian Line.	Boston, Mass	Seattle, Wash	General	3,078					
Helene ¹³ King Stephen ²	11	14	Amer	U. S. Army Dodd, Thomson & Co.	New York, N. Y. Avonm'th, Eng.	Seattle, Wash Seattle, Wash	Ballast						
Lautaro 2	11 11	12 13	Brit	Pacific Steam Nay Co.	Limernee Eng	Brit, Columbia SanAntonio, Chile	Ballast						
Nero 2	10	12		Pacific Steam Nav. Co. Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col	General	330					
Maria Stathatos.	12	12	Greek.	Mitsubishi Line	Texas City, Tex.	Yokohama, Japan	Scrap iron	8,553					
Colombia ² Taranger ²	10 11	13	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z. Texas City, Tex Cristobal, C. Z. Rotterdam, Neth.	B'ventura, Col Balboa, C. Z. 14	General	813					
Nuevo Panama ² .	11	14	Nor Pan	Interocean S. S. Co Elliot Ship. & Land Co.	Barranquilla, Col.	B'ventura, Col	Ballast Salt, gen	246					
Steelmaker	11	13	Amer.	Isthmian S. S. Lines.	Baltimore, Md	Honolulu, T. H	Tinplate, gen	5,425					
Kansai Maru 2	12	13	Jap	Osaka Syosen Kaisya Socony Vac. Oil Co.	Boston, Mass	Moji, Japan	Asbestos, gen	8,331					
Algonquin 1 Point Brava	12 13	13 13	Amer	Socony Vac. Oil Co.	Providence, R. I.	Los Angeles, Cal.	Ballast	5,051					
Hegira	13	13		Swayne & Hoyt Weyerhacuser S.S. Co.	Houston, Tex New York, N. Y. Baltimore, Md	Los Angeles, Cal. Seattle, Wash Seattle, Wash	General	7,070					
Nightingale	12	13	Amer.	Grace Line	Baltimore, Md	Valparaiso, Chile.	General	7,199					
Aikaterini	12			Potter & Gordon Royal Neth. S. S. Co.	Providence R. I.	Moji, Japan	Scrap iron	7,531					
Manto ² Sambu ²	12 11	13 13		Elliot Ship. & Land Co.	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Pto. Bolivar Pto.Arm'lles, R.P.	General	236 85					
Luna 2	13		Pan	A. Tagaropulos	Cristobal, C. Z.	Real, R. P	General	3					
Hamlet 1	12		Nor	Standard Oil of N. J.	Abo, Finland	Talara, Peru	Ballast						
Arosa ²	13 13			Duval-Texas Sulphur.	Galveston, Tex New York, N. Y.	Geelong, Aust'lia.	Sulphur	7,253					
Sofie Bakke 2	14			Furness, Withy & Co. Knut Knutsen, O.A.S.	Habana, Cuba	N. Westm'er, B.C Balboa, C. Z. ¹⁴	Ballast						
Louisianan Terukawa Maru ²	14	14	Amer.	AmerHawaiian Line.	Baltimore, Md	S. Francisco, Cal.	Ballast General	2,436					
Terukawa Maru ²	14	15		Kawasaki K. Kaisha	New Orleans, La.	Kobe, Japan	Gas., rails	7,297					
Tekoa	14 12		Brit	N. Z. Shipping Co Grace Line	Glasgow, Scot	Pt.Chalmers, N.Z.	General	3,643 156					
Cacique Mussolini ²	12		Pan	M. Obarrio	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	Guayaquil, Ecua. Balboa, C. Z	Ballast						
Sona 2	11	14	Pan	M. Obarrio Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto Arm'les, R.P.	Ballast General	43					
Real ²	11	14	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	Balboa, C. Z	Ballast						
Service No. 2 5 Edward Lucken-	14	15	Amer	U. S. Army Luckenbach Line	Cristobal, C. Z. New York, N. Y.	Balboa, C. Z Gatun, C. Z Tacoma, Wash	Ballast General	7,463					
bach.													
Lebore	14	16	Amer	Ore S. S. Corp	Baltimore, Md	Cruz Gr'de, Chile	Ballast	2 500					
Mataroa Kiyosumi Maru ² .	15 14			Shaw, Savill & Albion Kokusai Kisen Kaisha	London, England New York, N. Y.	Auckland, N. Z Kobe, Japan	General	2,500 8,009					
San Marcos	14	15	Amer	Quaker Line	New York, N. Y. New York, N. Y.	Portland Oreg.	General	4,240 1,280					
Laurits Swenson 2.	15		Nor	Fred Olsen Line	Uslo, Norway	Vancouver, B. C. Portland, Oreg	General	1,280					
Virginian West Ira	15 14			AmerHawaiian Line. McCormick S. S. Co.	Boston, Mass Buenos Aires, Arg.	Vancuover B C	General	3,129 5,443					
Ebba ²	12		Pan	H. Obarrio	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Houston, Tex Curaçao, N. W. I.	Vancuover, B. C. Balboa, C. Z	Ballast						
A merica	15		Pan	J. H. Stilson	Cristobal, C. Z.	Gatun, C. Z	Ballast General	803					
Acajutla	15	16 16		Pacific Steam Nav.Co. Canadian-Gulf Line	Houston Toy	Champ'ico, Guat. Moji, Japan.	General Scrap iron	6,791					
Norda Midlefjord ¹ ²	15		Nor	Anglo-Saxon Pet. Co.	Curação, N. W. I.	Los Angeles, Cal.	Ballast						
D. G. Scotteld 1	15	16	Amer	Shell Oil Co	New York, N. Y. Houston, Texas.	Los Angeles, Cal.	Ballast						
Warrior	15		Amer.	Waterman S. S. Corp.	Houston, Texas.	Kobe, Japan	(10)	10,714					
L. A. Christensen ²	16 16			Arrow Line	Baltimore, Md New York, N. Y.	Kobe, Japan Seattle, Wash Kobe, Japan	General	4,124 7,145					
Marymar	16	17	Amer	Calmar Line	New York, N. Y. Baltimore, Md	Seattle, Wash	Steel, gen	7,874					
Moira ¹ . Sally Maersk ²	16		Nor	Proctor & Gamble	Baltimore, Md Freeport, Tex Curacao, N.W.1. Baltimore, Md	Manzanillo, Mex.	Ballast	4,502					
Rita 1	16 16		Dan Neth	A. P. Moller Cur. Schcepv. My	Curação N W 1	Yarraville, Aust. Balboa, C. Z	Sulphur Crude oil	3,918					
I weedbank 2	16		Brit	Bank Line, Ltd	Baltimore, Md	Shanghai, China.	General	3,650					
Leonidas M	17	17	Greek.	Unite. Nit. Sales Corp.	rensacoia, ria	Chile Everett, Wash	Ballast						
Liberty Glo Ethan Allen	17 16	17	Amer	Amer. For. S. S. Co.	Sulphurport, La.	Everett, Wash Haiphong, In-Ch.	Sulphur	7,200 7,151					
Hercules	8	17	Neth	Lykes Bro. S. S. Co Royal Neth. S. S. Co.	New Orleans, La. Curacao, N.W.I. Cardiff, Wales	Chile	Cotton General	687					
Athenic Lt. Col. E. W.	17	18	Brit	Canadian Transp. Co.	Cardiff, Wales	Vancouver, B. C.	Ballast						
Lt. Col. E. W. Niles. 11	16		Amer	U. S. Army	Cristobal, C. Z	Balboa, C. Z	Ballast						
MIES. 11		ì	1	1									

Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ¹¹ Mine planter. ¹³ Survey ship. ¹⁴ For orders. ¹⁵ Steel, zinc, general. ¹⁶ Steel, scrap iron. ¹⁷ Scrap iron, general.

				ATLANTIC TO PAC				
	rived	eared	Nation-	Line	Po	rt	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Woodcock 10. Orbita Kaizyo Maru 1 2. San Jose. Mount Nelmos. Bethore. Pennsylvanian Ferndale 2. Douro 2. Portmar Andrea F. Luckenbach.	17 17 17 17 17 17 18 18 18 16 18	18 18 18 19 18 18 18 19 19	Amer Brit Jap Fr Greek. Amer Nor Neth Amer Amer	U. S. Navy. Pacific Steam Nav.Co. Nippon Yusen Kaisha French Line. Duval Texas Sulphur Ore S. S. Corp. AmerHawaiian Line. Fern Line. Royal Neth. S. S. Co. Calmar Line. Luckenbach Line.	Swan Island Liverpool, Eng Tuxpan, Mexico Havre, France Galveston, Tex. Baltimore, Md. Bridgeport, Conn. Pt. Tampa, Fla. Cristobal, C. Z. Philadelphia, Pa. Providence, R. I.	Balboa, C. Z Talcahuano, Chile Tokuyama, Japan Vancouver, B. C. Auckland, N. Z Cruz Gr'de, Chile Tacoma, Wash Osaka, Japan. Guavaquil, Ecua. Portland, Oreg Seattle, Wash	Ballast	3,506 11,708 3,921 9,052 3,600 6,999 543 5,748 4,793
Fortuna ³ . Susana ⁵ Santa Rita ² . Venezuela ² . Kohala Carmar. Chios. Kassandra Louloudis.	18 18 18 19 19	19 19 20 19 20 19	Pan Amer Swed Amer Pan Greek. Greek	Elliot Ship. & Land Co. R. C. McKeown. Grace Line. Johnson Line. Matson Nav. Co. Mitsui Bussan K. Australian Despatch. Mitsui Line.	Cristobal, C. Z Cristobal, C. Z New York, N. Y. Stockholm, Swed. New York, N. Y. New York, N. Y. Hull, England Albany, N. Y	Balboa, C. Z Balboa, C. Z Balboa, C. Z Chanaral, Chile. S. Francisco, Cal. Honolulu, T. H Moji, Japan. Los Angeles, Cal. Moji, Japan.	Ballast Ballast General Steel. Scrap iron Ballast Scrap iron	2,801 4,833 1,852 7,044 7,645
Yamagiri Maru ² . Lotta	19 19 19 19 19 19	19 20 20 20 20 20 20 20	Jap Dan Brit Swed Brit Amer	Yamashita Kisen K West Coast Line Ellerman & Bueknall. Ore S. S. Corp M. A. N. Z. Line. Baltimore Mail Co McCormick S. S. Co	Buenos Aires, Arg. Philadelphia, Pa. Montreal, Canada New York, N. Y. Three Riv., Can. Baltimore, Md New York, N. Y.	Yokohama, Japan Taleahuano, Chile Adelaide, Aust Cruz Gr'de, Chile Melbourne, Aust. S. Francisco, Cal. Scattle, Wash	(15) General General Ballast General General	6,524 2,925 7,054 6,232 4,792 7,581
Washingtonian Draco 2 Columbian Colombian Colombia 2 Tyr 2 Ciss Republic 8 Real 2 Luna 2 Nathan 2 Sana 3 Sana 3 Sa	19 18 19 18 20 18 20	20 20 20 20 21 21 21	Amer Neth Amer Pan Nor Nor Amer	Isthmian S. S. Lines Royal Neth. S. S. Co. Amer,-Hawaiian Line. Elliot Ship. & Land Co. Mitsubishi Shoji K Graee Line	Baltimore, Md Cristobal, C. Z Baltimore, Md Cristobal, C. Z New York, N. Y. Cristobal, C. Z New York, N. Y.	Singapore, St. Set. B'ventura, Col Seattle, Wash B'ventura, Col Moji, Japan Champ'ico, Guat. Honolulu, T. H	Steel, gen General General Scrap iron General General	9,295 347 5,210 900 6,450 1,031 1,812
Real ² Luna ² . Nathan ² . Sona ² . Plato ² . Yankee ⁶ . Mussolini ² . Le Havre ¹ ¹³ .	18 20	21 21 20 21	Pan Pan Pan Pan Neth Amer Pan	U. S. Army Elliot Ship, & Land Co. A. Tagaropulos E. J. Hooper Elliot Ship, & Land Co. Royal Neth, S. S. Co. Irving Johnson H. Obarrio	New York, N. Y. Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Pt. Limon, C. R. C. Haitien, Haiti. Cristobal, C. Z	Aguadulee, R. P. Real, R. P. Gatun, C. Z. ¹⁴ . Pedregal, R. P. Guayaquil. Ecua. Round the world. Balboa, C. Z	General General General General Ballast Ballast	50 3 20 15 329
Skogheim	20 21 20 20 21 20 21 20 20	21 21 21 21 21 21	Pan Dan Nor Amer Amer Ital Swed	Maritime Trad. Co A. P. Moller N. Atl. & Gulf S. S. Co. PacAtl. S. S. Co Shell Oil Co Italia Line Hind, Rolph & Co	Lisbon, Portugal Boston, Mass Habana, Cuba Norfolk, Va New York, N. Y. Genoa Italy	S. Francisco, Cal. Iloilo, P. I Pto.Chic'ma,Peru San Diego, Calif. Los Angeles, Cal. Valparaiso, Chile.	Ballast General Ballast General Ballast General Ballast Ballast	829
Disa Fernglen ² . Sandpiper ¹⁰ . Ebba ² . Col. Riche ⁵ . Caithness ² . Perth ¹² . Fjordaas ¹ ² .	21 19 19 7 21 22 21	22 22 22 22 22	Nor Amer Pan Amer Brit Brit	Fearnley & Eger. U. S. Navy H. Obarrio. U. S. Army Canadian Transp. Co. British Navy.	Maracaibo, Venez Galveston, Tex. Guant'mo, Cuba. Cristobal, C. Z. Cristobal, C. Z. Avonmouth, Eng. High seas. Curacao, N.W.I.	Balboa, C. Z Balboa, C. Z Gatun, C. Z Vancouver, B. C. High seas S. Francisco, Cal.	General Ballast Tow. barge Ballast Ballast Ballast	8,100
California Star ² . El Oso ¹ . Dona Aurora ² . Point Judith. Karpo ² . Minnesotan. J.52 ⁵ . Sambu ² .	22 22 22 22 21 22	22 28 22 23 22 23 22 23	Brit Brit Amer Amer Neth Amer Amer	Blue Star Line	Birkenhead, Eng. New York, N. Y. New Orleans, La. Curacao, N. W. I. Boston, Mass	Vancouver, B. C. Cabo Bl'co, Peru Manila, P. I Los Angeles, Cal. B'ventura, Col Portland, Oreg Gatun, C. Z	Ballast Ballast General General General General Ballast	3,959 6,933 524 3,182
Pirre 2. Indian Prince 2. Marore. Kaimoku Montebello 1. West Portal	21 22 22 22 23 23	23 23 23 23 23 23 23	Amer Amer	Elliot Ship. & Land Co. Furness, Withy & Co. Ore S. S. Corp. Isthmian S. S. Lines. Union Oil of Calif. McCormick S. S. Co.	Cristobal, C. Z Cristobal, C. Z London, England Baltimore, Md Boston, Mass Boston, Mass	Balboa, C. Z. Balboa, C. Z. S. Francisco, Cal. Cruz Gr'de, Chile Seattle, Wash Los Angeles, Cal.	Ballast (16) Ballast General	7,313
Arima Maru ² Santa LuciaNorse Lady ² . Bretwalda Solheim ^{1 2} . W. S. Miller ¹ . Chloe.	23 23 23 23 24 24 24 24	25 24 24 24	Amer Nor Brit Nor Amer	Standard Oil of Calif.	New York, N. Y. Houston, Tex	S. Francisco, Cal.	Scrap steel Ballast Crude oil Ballast	3,147 4,914 11,902

Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ⁶ Yacht. ⁸ Transport. ¹⁰ Mine sweeper. ¹² Cruiser.
 Re-named Ohio. ¹⁴ For bananas and return to Cristobal. ¹⁵ Wool, cotton, general. ¹⁶ Steel, corn, general.

	rived	eared	Nation-	Line	Po	rt	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Horace Lucken-	24	24	Amer	Luckenbach Line	Boston, Mass	Seattle, Wash	General	3,544
bach. Ophelie. Flomar. Telde. Real ² . Lt. Col. H. C. Schumm. ⁴	24 24 23 23 22	25 25 25 	Fr Amer Hond Pan Amer	Co. Aux. de Nav Calmar Line United Fruit Co Elliot Ship. & Land Co. U, S. Army	La Pallice, Fr Baltimore, Md New Orleans, La. Cristobal, C. Z Cristobal, C. Z	Cabo Bl'co, Peru. Tacoma, Wash . LaLibertad, Ecua. Balboa, C. Z Balboa, C. Z	Ballast General Ballast Tow. barge	6,151 1,672
Christos Market-	24	25	Greek.	Mitsui Bussan Kaisha	Baltimore, Md	Vancouver, B. C.	Scrap iron	7,120
Olympia 2 City of Joliet Lyras Kirsten Maersk Syros Nankai Maru 2 Montanan PennsylvaniaSun ¹ Ada Manto 2 Manto 2 Mest Nilus Fortuna 2 Cacique Eastern Trader.	25 25 25 25 25 25 25 25 25 25 25 25 25 2	25 25 25 25 25 25 25 25 25 25 25 25 25 2	Dan. Amer. Greek. Dan. Amer. Jap. Amer. Ital. Dan. Neth. Amer. Pan. Amer.	Armtorg. Chile Nit. Sales Corp. Asano Bussan Co. Golddtz. Chile Nit. Sales Corp. Osaka Syosen Kaisya. AmerHawaiian Line. Sun Oil Co. Imp. Nav. Com. Soc. J. Lauritzen. Toyal Neth. S. S. Co. McCormick S. S. Co. Elliot Ship. & Land Co. Grace Line.	New York, N. Y. New Orleans, La. Houston, Tex. Jacksonville, Fla. New Orleans, La. London, England Boston, Mass. Chester, Pa. New York, N. Y. Cristobal, C. Z. New York, N. Y. Cristobal, C. Z. Caleston, Tax	Vladiv'tock, Rus. Tocopilla, Chile. Yokohama, Japan Chicama, Peru Chile. Dairen, China. Seattle, Wash. El Segundo, Cal. Kobe, Japan. Valparaiso, Chile. B ventura, Col Seattle, Wash. Balboa, C. Z. Guayaquil, Euca. Scattla, Weeh.	Ballast (15) General Ballast Scrap iron General General General General General General General	9,043 2,650 7,707 2,142 245 5,590
City of Los Ange- les.	26	27	Amer.	Union Sulpur Co Panama-Pacific Line	Galveston, Tex New York, N. Y.	Seattle, Wash S. Francisco, Cal.		7,300 3,357
Armadale ² Ferneliff. F. J. Luckenbach Hoyanger ² . Emma Bakke ² . Rita ¹ . Dimitros Chandris	25 26 26 26 26 26 26 27	27 26 26 27 27 27	Brit Nor Amer Nor Nor Nor Nor Creek	American-Australian. Chile Nit, Sales Corp. Luckenbach Line. Westfal, Larsen & Co. Knutsen Line. Cur. Scheepv. My Mitsui Bussan Kaisha	Philadelphia, Pa. New Orleans, La. Houston, Tex Buenos Aires, Arg. Kotka, Finland Curacao, N.W.L. Savannah, Ga	Fremantle, Aust. Chile Seattle, Wash Scattle, Wash Long Beach, Cal. Balboa, C. Z Yawata, Japan	General. Ballast General. General. Wood pulp. Fuel oil Scrap iron.	4,922 4,602 6,197 3,903 6,836
dris. Draco 2. Trajanus Colombia 2. Wildwood. Hardet. Fairfield City. Sambu 2. Porto Bello 3. Ioannis Chandris. Lancaster. Port Dunedin 2. American. Port Dunedin 2. American. Hilinois Azumasan Maru 2. Mussolini 2. Ebba 2. Carlos 5. Acacia 13. North Star 2.	25 21 25 27 27 27 27 27 27 27 27 27 27 27 27 27	27 27 27 27 28 28 27 27 27 28 28 29 29 29 29 29	Neth Neth Neth Pan Amer Pau Pan Greek Amer Brit Amer Hung Jap Jap Pan Pan Pan Amer Amer	Royal Neth. S. S. Co. Royal Neth. S. S. Co. Royal Neth. S. S. Co. Elliot Ship. & Land Co. Staufer Chemical Co United Fruit Co. Isthmian S. S. Lines. Elliot Ship. & Land Co. A. Tagaropulos. Anglo-Can. S. S. Co. Isthmian S. S. Lines. Port Line, Ltd. AmerHawaiian Line. AmerPresident Line. Mitsubish Shoji K. States Marine Corp Mitsui Busan Kaisha Kokusai Kisen Kaisha H. Obarrio. Carlos Ferrari U. S. Government. Bu. of Indian Affairs	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Pt. Sulphur, La. New York, N. Y. Baltimore, Md. Cristobal, C. Z. Liverpool, Eng. Baltimore, Md. Cristobal, C. Z. Liverpool, Eng. Baltimore, Md. New York, N. Y. Baltimore, Md. Genoa, Italy Houston, Tex New Orleans, La. New York, N. Y. Pt. Alfred, Can. Cristobal, C. Z. Cristobal, C. Z. San Juan, P. R. Boston, Mass.	B'ventura, Col. West coast S. A. B'ventura, Col. B'ventura, Col. Everett, Wash. Quipos, C. R. Singapore, St. Set. Chitre, R. P. Real, R. P. Vancouver, B. C. Seattle, Wash Brisbane, Aust. Seattle, Wash Round the world. Yokohama, Japan Osaka, Japan, Yokohama, Japan Kobe, Japan Balboa, C. Z. Gatun, C. Z. Gatun, C. Z. Antaretic, A. Antaretic, A. Several S. Seattle, Wash Balboa, C. Z. Antaretic, A. Antaretic, A. Antaretic, A. Antaretic, W. A. Byere S. Seattle, Wash Balboa, C. Z. Antaretic, A.	Ballast Ballast Ship stores	7,829
Charles Christenson. HeleneKulukundis Jacob Luckenbach Salvador. Istmo. Port Fairy ² . Hoegh Giant ¹ ² . Duquesne. Mexican. Sona ² . Real ² . Esso Balboa ¹ ² . Kupa. Villanger ² Ruahine. Choluteca. Winslow ⁵ . Enoch ² .	28 29 21 28 29 28 29 28 29 29 29 30 30 29 30 30	29 29 29 29 29 29 29 30 30 1 30	Amer. Greek. Amer. Brit. Pan. Brit. Nor. Amer. Pan. Pan. J-Slav Nor Brit. Amer. Amer. Amer. Amer. Brit. Amer. Amer.	Arrow Line. Swiss Government Luckenbach Line Paeifie Steam Nav. Co. Colombiana Cabotajo Port Line, Ltd. Mar. Panama. Chile Nit, Sales Corp. AmerHawaiian Line. Elliot Ship. & Land Co. Standard Oil of N. J Chile Nit, Sales Corp. Interocean S. S. Co. N. Z. Shipping Co. United Fruit Co. U. S. Army. E. J. Hooper	New York, N. Y. Hull, England New Orleans, La. Cristobal, C. Z. B'quilla, Col. London, England Houston, Tex. New Orleans, La. Bridgep't, Conn. Cristobal, C. Z. Cristobal, C. Z. Copenhagen, Den. Gulfport, Miss. Rotterdam, Neth. Falmouth, Eng. Pt. Arthur, Tex. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Seattle, Wash. Valdivia, Chile. Seattle, Wash. Champ'ico, Guat. B'ventura, Col. Auckland, N. Z. Yokohama, Japan Tocopilla, Chile. Portland, Oreg. Balboa, C. Z. Pedregal, R. P. Talara, Peru. Tocopilla, Chile. Los Angeles, Cal. New Zealand. Corinto, Nic. Gatun, C. Z. Gatun, C. Z. Yancouver, B. C.	Salt, gen. General. Crude oil. Ballast General. Ballast General. Ballast Ballast Ballast Ballast Ballast Ballast Ballast Ballast Gasoline, gen Ballast	4,361 298 700 4,304 15,002 2,514 35

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁴ Tug. ⁵ Launch. ¹³ Lighthouse tender. ¹⁴ For bananas and return to Cristobal. ¹⁵ Steel, wire, general. ¹⁶ Steel, asbestos, etc.

				ATLANTIC TO PA	cific—Continued			
	ved	red			Р	ort	Cargo	
Ship	arri	clea	Nation-	Line (Charterer or operator)		1		
•	Date arrived	Date cleared		- Constitution of operation,	From-	For—	Nature	Long
Vega Nozima Maru ²	30			U. S. Navy	Norfolk, Va	Brem'ton, Wash.	General	3,412
Nozima Maru ² Penelopi	1			Nippon Yusen Kaisha Mitsubishi Shoji K.	Liverpool, Eng.	Dairen, China	General	8.094
Penclopi Santa Barbara ²	30) 1	Amer	Grace Line	Pt. Arthur, Tex New York, N. Y.	Osaka, Japan SanAntonio, Chile	Scrap iron General	8,693 2,957
Coloradan	1	2		Isthmian S. S. Lines	Philadelphia Pa	Manila, P. I	Coal	9,373
J-71 5. St. Mihiel 8.	1		Amer	U. S. Army U. S. Army	Cristobal, C. Z. New York, N. Y. Aruba, N. W. I.	Gatun, C. Z Balboa, C. Z	Ballast Supplies	751
Petter II ¹ Hopecastle ²	1		Nor	Standard Oil of N. J	Aruba, N. W. I	Iquique, Chile	Fuel oil	9,573
Peebles 2	$\frac{1}{2}$			Anglo-Can. S. S. Co Canadian Transp. Co.	Manchester, Eng.	Vancouver, B. C. Brit. Columbia.	Ballast	
Peebles ² Dorothy Lucken-	2	2		Luckenbach Line	Boston, Mass	Seattle, Wash	Ballast General	3,256
bach. Benjamin Frank-	1	2	Nor	Fred Olsen & Co	O-l- N			
lin.2	1	-	Nor	Fred Olsen & Co	Oslo, Norway	Seattle, Wash	General	894
Basilea ¹ ² Western Head	2	3		Standard Oil of N. J	Oslo, Norway	S. Francisco, Cal.	Ballast	
Thalia	2 2 2 2	3	Brit Greek.	Maritime Nav. Co Hasegawa Boeki K	St. Lucia, B.W.I. Texas City, Tex.	Peruvian ports Yokohama,Japan	Ballast	0.105
San Mateo	2	3	Fr	French Line	Havre, France	Valparaiso, Chile.		6,165 2,438
Alabaman Fortuna 3	2	3	Amer	AmerHawaiian Line.	Boston, Mass	Seattle, Wash	General	2,943
Enoch	2		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	Balboa, C. Z Gatun, C. Z. 14	Ballast	20
Enoch Douro ² City of San Fran-	2 2 2 1 3	3	Neth	E. J. Hooper Royal Neth. S. S. Co.	Cristobal, C. Z Cristobal, C. Z	Tumaco, Col	General	320
cisco.	3	3	Amer	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,293
Sage Brush	3	3 3	Amer	Shepard S. S. Co	Albany, N. Y	Seattle, Wash	General	4,757
Svealand ² California	3	3		Ore S. S. Corp States S. S. Co	Baltimore, Md	Cruz Gr'de, Chile	Ballast	,
Minerva 2	2	3	Nor	H. M. Wrangell & Co.	New York, N. Y. Norfolk, Va	Portland, Oreg Antof'gasta, Chile	Steel, gen Coke	4,229 4,474
Point Caleta Anglo Canadian ²	2	3	Amer	Union Sulphur Co	Galveston, Tex	Seattle, Wash	Sulphur	6,950
Sessa	2	3	Brit Dan	Seaboard Ship. Co Wessel, Duval & Co	Liverpool, Eng New York, N. Y.	Vancouver, B. C. Talcahuano, Chile	Ballast	
Kailua Triton 2	3	4	Amer	Matson Nav. Co	Baltimore, Md	Honolulu, T. H.	General	2,257 3,963
Santore	3	3	Nor	Ore S. S. Corp	Oslo, Norway	Kobe, Japan	Pulp, gen	8,841
Santore	2	4	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z.	Cruz Gr'de, Chile Guayaquil, Ecua.	Ballast General	518
Colombia 2 Evanthia	3 3 1 2 3 3 3 1 2 2 2 2 2 2 2 2 2 2 2 2	4	Pan	Elliot Ship. & Land Co.	Oslo, Norway Newp't News,Va. Cristobal, C. Z Cristobal, C. Z	B'ventura, Col	General	400
Sona 2	2		Greek.	Chile Nit. Sales Corp. Elliot Ship. & Land Co.	Genoa, Italy Cristobal, C. Z Cristobal, C. Z	Chile	Ballast	
Sona ² . Pirre ² . Snippy ¹³ . Tattnall ⁹ . 11	2		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	Balboa, C. Z Gatun, C. Z	Ballast	
Tattnall 9 11	-10		Pan Amer.,	J. A. Barnett U. S. Navy	Cristobal, C. Z High seas	Gatun, C. Z	Ballast	
Brount Myrto 12	-3	4	Greek.	Mitsubishi Shoji K	Tampa, Fla	Balboa, C. Z Yokohama, Japan	Ballast Phos. rock	6,878
Rodney Star Oakmar	33333	4	Brit	Blue Star Line	London, England	Vancouver, B. C.	Ballast	
Steel Worker	3	4	Amer.	Isthmian S. S. Lines.	Philadelphia, Pa. Baltimore, Md	Seattle, Wash Calcutta, India	Steel, gen General	8,641 5,303
Arizpa H. D. Collier	3	4	Amer.	L. I. Mach. & Equip.	New York, N. Y.	Moji, Japan	Scrap iron	7,316
Cromarty ² Lexa Maersk ²	4	4	Amer Brit	Standard Oil of Calif. Seaboard Ship. Co	Providence, R. I Leith, Scotland.	Los Angeles, Cal. Vancouver, B. C.	Ballast	
Lexa Maersk 2	4	5	Dan	Maersk Line	Boston, Mass	Cebu, P. I	Ballast General	6,573
Bill Sandpiper 1011	-22	5	Nor Amer	No. Pana Amer. Line. U. S. Navy	Mobile, Ala	Cebu, P. I Salaverry, Peru Balboa, C. Z	Ballast	
Porto Bello 312	-4	4	Pan	A. Tagaropulos	Cristobal, C. Z Cristobal, C. Z	Real, R. P	Ballast General	3
John Bakke 2 Bear 2	3 4	6	Nor	Knutsen Line Adm. R. E. Byrd	Kotka, Finland	SanAntonio, Chile	General	4,274
Bear ² Ettrickhank ²	4	6	Brit	Bank Line	Norfolk, Va Tampico, Mexico	Antarctica Adelaide, Aust	Ballast General	8,306
Archangelos	4	5 5	Greek.	Chile Nit. Sales Corp.	Lake Charles, La.	Chile New Zealand	Ballast	0,300
Hertford Tampa ²	5	6	Brit	Fed. Steam Nav. Co Roosevelt S. S. Co	Falmouth, Eng Baltimore, Md	New Zealand	Ballast	4 707
Steelore George M. Livanos	3	6	Amer	Ore S. S. Corp	Norfolk, Va	Manila, P. I Cruz Gr'de, Chile	Ballast	4,767
Mussolini 2	4		Greek. Pan	N. G. Livanos H. Obarrio	Amsterdam, Neth	Tocopilla, Chile.	Ballast	
San Vincente	5	6	Amer	PacAtlantic S.S. Co.	Cristobal, C. Z Albany, N. Y	Tocopilla, Chile Balboa, C. Z Portland, Oreg	Ballast	6,415
Argual	5	10 6	Hond	United Fruit Co Isthmian S. S. Lines	Baltimore, Md	rto. Arm les, R.P.	Ballast	
Akebono Maru 1 2	5	6	Jap	Nippon Kaiun Co	New Orleans, La. CorpusChr'ti, Tex	Honolulu, T. H., Yokohama, Japan	Gasoline	7,606
La Paz ² Birmingham City.	6	7	Brit	Pacific Steam Nav. Co.	Liverpool, Eng Baltimore, Md Cardiff, Wales New York, N. Y.		Coal	7,721
Tresillian	6	6	Amer Brit	Isthmian S. S. Lines Hain S. S. Co	Cardiff, Wales	Seattle, Wash	Steel prod	4,745
Silverlaurel 2	6	6	Brit		New York, N. Y.	Vancouver, B. C. Hongkong, China	Ballast Steel, gen	3,556
Georgian	6	6	Amer Greek.	AmerHawaiian Line. Mitsui Line	New York N. V.	Portland, Oreg	General	2,063
Sona ² . Sambu ² .	5		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Yokohama, Japan Balboa, C. Z	Scrap iron Ballast	9,037
Ebba ²	5		Pan	Elliot Ship. & Land Co. H. Obarrio	Cristobal, C. Z.	Balboa, C. Z Balboa, C. Z Balboa, C. Z	Ballast	
Ebba ² Thurland Castle ²	6	··· <u>ż</u>	Brit	Barber Line.	New York, N. Y.	Moji, Japan	Ballast	7,715
Kunikawa Maru ² Ida Bakke ²	6 7 7	7	Jap	Kawasaki Kisen K	New York, N. Y. Boston, Mass New York, N. Y. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. New York, N. Y. New York, N. Y. Goth'burg, Swed. New York, N. Y.	Osaka, Japan	(16)	8,402
Tungsha 2	7	7	Nor	Knutsen Line Continental Grain Co.	New York N V	Los Angeles, Cal. Vladiv'tock, Rus.	Ballast	
	Mot		hin 3	Maria I av	10th, N. I.	, ladiv tock, Rils.	(17)	6,933

¹ Tanker. ² Motor ship. ³ Motor schooner. ¹³ Sailboat. ¹⁴ For bananas and return to Cristobal. ¹⁵ Steel, corn, general. ¹⁶ Lead, cotton, general. ¹⁷ Copper, machinery. ¹⁸ Tanker. ² Motor ship. ³ Motor schooner. ¹⁸ Launch. ⁸ Transport. ⁹ Destroyer. ¹⁰ Mine sweeper. ¹³ Steel, corn, general. ¹⁶ Lead, cotton, general. ¹⁷ Copper,

				ATLANTIC TO PAC	rric—Continued			
	rived	eared	Nation-	Line	Po	rt	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Piako Pereira West Notus Maroussio Lego-	6 4 6 7	7 8 8 8	Brit Pan Amer Greek	N. Z. Shipping Co Grace Line McCormick S. S. Co Chile Nit. Sales Corp.	Newp't, England. Cristobal, C. Z New York, N. Y. Genoa, Italy	Sydney, Aust Champ'ico, Guat. Seattle, Wash Chile	General General Steel, gen Ballast	4,393 1,109 5,057
thetis. Wyoming. Real ² . Nordhval ² . Laguna ² . Imperial ² .	7	8 7 8	Fr Pan Dan	French Line Elliot Ship. & Land Co. Chile Nit. Sales Corp.	Havre, France Cristobal, C. Z Norfolk, Va	Vancouver, B. C. Pto. Arm'les, R.P. Tocopilla, Chile.	General General Ballast	2,206
Inperial ² . North Haven North Wind Anna N. Goulan-	5 7 7 7 7 7	9 8 9 8	Chile Amer Amer	Pacific Steam Nav. Co. Sud Am. de Vapores. Northland Tran. Co. Northland Tran. Co. Chile Nit. Sales Corp.	Liverpool, Eng. New York, N. Y. Boston, Mass Baltimore, Md Marseille, France	Valparaiso, Chile. Valparaiso, Chile. Seattle, Wash Seattle, Wash Chile	General General Tin, steel Tinplate Ballast	3,224 2,539 5,493 3,135
dris. Cathwood ¹ Tanja Astoria ² Bonham ¹³	8 8 8 7	8 8 8	Amer Dan Dan	Union Oil of Calif J. Lauritzen Steamship Co., Or'nt.	Comment Co	T Alea Col	Ballast Sulphur Scrap steel	2,000 7,849
Indianan Socrates ²	7 4 	9 9		U. S. Government Grace Line Royal Neth. S. S. Co. U. S. Army United Fruit Co	Galveston, Tex. Baltimore, Md Baltimore, Md New York, N. Y. Curacao, N.W.I Cristobal, C. Z. New Orleans, La.	Valparaiso, Chile. Corral, Chile. Gatun, C. Z. La Union, Salv	Ballast Steel, gen General Tow. barge. Cement, gen.	4,829 2,944 1,700
Orotava. Westralia ² . West Ekonk. Brattdal ² . Susan V. Lucken-	8 8 8 9	9 9 9	Dan Amer Nor Amer	Westralian Farmers. Chile Nit. Sales Corp. Westralian Farmers. Luckenbach Line:	Liverpool, Eng. New Orleans, La. Dublin, Ireland. Boston, Mass	Townsend, Aust. Chile. Los Augeles, Cal. Seattle, Wash	Ballast Ballast	3,147
bach. Sutherland Illinoian Nero ² Kalypso Vergotti.	9 9 2 9	9 9 9	Neth	Alaska S. S. Co AmerHawaiian Linc. Royal Neth. S. S. Co. Mitsui & Co	New York, N. Y. Baltimore, Md P. Barrios, Guat. New York, N. Y. Cartagena, Col	Los Angeles, Cal. Seattle, Wash B'ventura, Col Yokohama, Japan	Ballast Steel, gen General Scrap iron	2,690 109 7,255
Ino ² . Tudor Star. Kentuckian. Fortuna ³ . City of Norfolk	8 9 9 9	9 10 10	Neth Brit Amer Pan	Mitsui & Co. Royal Neth. S. S. Co. Blue Star Line. AmerHawaiian Line. Elliot Ship. & Land Co. Panama-Pacific Line	Cartagena, Col Newcastle, Eng Boston, Mass Cristobal, C. Z	Yokohama, Japan Guayaquil, Ecua. Vancouver, B. C. Tacoma, Wash. Balboa, C. Z.	General Ballast General Ballast General	2,314
City of Norfolk Nemours ² Colombia ² Draco ² Huzisan Maru ¹	10 1 7 3 9	10 10 10 10 10	Fr Pan Neth	Elliot Ship. & Land Co. Royal Neth. S. S. Co.	Newcastle, Eng Boston, Mass Cristobal, C. Z New York, N. Y. Pt. Limon, C. R. Cristobal, C. Z Cristobal, C. Z Tuxpan, Mexico. Newark, N. J S. Nicolas, N.W. I. New York, N. Y. New Orleans, La.	S. Francisco, Cal. Guayaquil, Ecua. B'ventura, Col Guayaquil, Ecua.	General. General. General. Crude oil.	3,199 63 1,400 349 11,883
Pennsylvania Beaulieu ^{1 2} Wichita ² Tanimbar ² Col. Riche ⁵ Zjawa ⁵	10 10 10 9	10 10	Amer Nor Amer	Iino Shozi Co	Newark, N. J S. Nicolas, N.W.I. New York, N. Y. New Orleans, La.	Tokuyama, Japan Seattle, Wash San Antonio, Chile Fremantle, Aust. Los Angeles, Cal.	Fuel oil General	5,779 8,816 5,235
Col. Riche ⁵ Zjawa ⁵	8		Amer	St. Cy. Nederland U. S. Army	New Orleans, La. Cristobal, C. Z Cristobal, C. Z	Los Angeles, Cal. Gatun, C. Z Balboa, C. Z	Ballast Ballast	
				PACIFIC TO	ATLANTIC			
Point Caleta Firmore Maimoa Oremar Herman F. Whit-	9 10 11 10 10	11 11 12 11 11	Amer Amer Brit Amer Amer	Swayne & Hoyt Ore S. S. Corp Shaw, Savill & Albion Calmar Line Dutton Lumber Corp.	Portland, Oreg Cruz Gr'de, Chile Auckland, N. Z Marshfield, Oreg. Tacoma, Wash	New Orleans, La. Baltimore, Md United Kingdom. New York, N. Y. Po'keepsie, N. Y.	Lumber, gen. Iron ore General Lumber Lumber	7,458 11,500 7,846 7,459 7,250
on. Port Montreal ² . Scebeli ² . Neosho ¹ . Point Clear.	10 10 10 10	11 11 11 11	Brit Nor	M A NT 77 T'	Augleland N. Z	Halifax, N. S Rio de Janeiro	(14) Wood pulp	3,849 2,268
Bodegraven	10 10 10 10	11 12 11 12	Neth	M. A. N. Z. Line Fred Olsen Line U. S. Navy Gulf-Pacific Line Chile Nit. Sales Corp. Royal Neth, S. S. Co. Chile Nit. Sales Corp. Elliot Ship. & Land Co.	Everett, Wash Balboa, C. Z Longview, Wash. Tocopilla, Chile. Valparaiso, Chile. Tocopilla, Chile.	Cristobal, C. Z. Tampa, Fla Gulfport, Miss Jacksonville, Fla. Lake Charles, La.	Ballast (15) Nitrate General Nitrate	5,764 7,930 8,329 9,062
Sambu ²	11 11 11 11 11	13 14 14 14	Pan Pan Pan Amer	Elliot Ship. & Land Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co. U. S. Navy Sun Oil Co.	Darien, R. P Darien, R. P Darien, R. P Balboa, C. Z	Lake Charles, La. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Bananas Bananas	60 37 37 17,512
Pennsylvania Sun. 1 2 Talaralite 1. Silverwillow 2. Istmo. Europa 2.	10 11 11	12 13 13	Brit Brit Pan	Imperial Oil Ship. Co. Kerr S. S. Co Elliot Ship. & Land Co.	El Segundo, Calif. Talara, Peru Manila, P. I Tumaco, Colom	Aruba, N. W. I. Beira, E. Africa. Cristobal, C. Z.	Gasoline Naphtha (16) (17)	3,080 6,629 156
Fjordaas ² Jeff Davis ²		12 13 12 13	Neth Nor Amer	East Asiatic Co Royal Neth. S. S. Co. Eagle Oil Co	Vancouver, B. C. Tumaco, Colom. Los Angeles, Cal. Saigon, InChina	Copenhagen, Den. Cristobal, C. Z.	General (18) Kerosene (19)	9,570 366 10,283 7,864
		tons		Motor schooner 4 T	Saigon, InChina	Baltimore, Md	14 Wool polta	

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁴ Tug. ⁵ Launch. ¹³ Patrol boat. ¹⁴ Wool, pelts, tallow. ¹⁵ Lumber, sugar, general. ¹⁶ Lumber, machinery, general. ¹⁷ Ivory nuts, coffee. ¹⁸ Rice, coffee, rubber. ¹⁹ Rice, sugar, orc.

FACIFIC TO ATLANTIC—Continued								
		leared	Nation-	Line	Pe	Cargo		
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long
Cacique	12 12	14		Grace Line	Guayaquil, Ecua.	Cristobal, C. Z.	General	996
Viva Loch Dee	12	13	Brit	Procter & Gamble Seaboard Ship. Co	Legaspi, P. I Pt. Alberni, B. C.	New Orleans, La. United Kingdom.	Copra Lumber	6,400 7,547
Mussolini ² Ebba ²	12		Pan	E. Obarrio H. Obarrio	Darien, R. P El Real, R. P	Cristobal, C. Z Cristobal, C. Z	Bananas	78
Lewis Luckenbach	12	13	Amer	Luckenbach Line	Townsend, Wash.	Boston, Mass	Bananas Lumber, gen.	12,300
Norvik 1 2 Sutherland	12			Anglo-Saxon Pet. Co. Grace Line	Los Angeles, Cal. SanAutonio, Chile	Curacao, N. W. I. Baltimore, Md	(13)	14.448
Forbes Hauptman	13	13	Amer.,	McCormick S. S. Co.	Townsend, Wash.	N. London, Conn.	Copper Lumber, gen.	6,250 7,722 1,125
Egyptian Reefer 2. Mostun	12			J. Lauritzen Neptune Ship. Co	Vancouver, B. C.	Glasgow, Scot.	l B'runt	1,125
Oakworth Hokkai Maru ²	13	14	Brit	Lanadian Transp. Co.	S. Francisco, Cal. Vancouver, B. C.	Antwerp, Belgium Cardiff, Wales	(14)	± 7.510
Svealand 2	13 13	14 14		Osaka Syosen Kaisya Ore S. S. Corp Seaboard Ship. Co Matson Nav. Co	Dairen, China Cruz Gr'de, Chile	Antwerp, Belgium Baltimore, Md	General Iron ore	1 b 850
Scottish Monarch	13	14	Brit	Seaboard Ship, Co	Vancouver, B. C.	United Kingdom.	(15)	7,597
Mahimahi Fortuna ²	13 14	14		Matson Nav. Co Elliot Ship. & Land Co.	Hilo, T. H. Darien, R. P. Seattle, Wash. Balboa, C. Z. Quipos, C. R.	United Kingdom. Baltimore, Md Cristobal, C. Z	Sugar, pines. Bananas	8,422
Uarolinian	13	14	Amer	AmerHawaiian Line.	Seattle, Wash	Boston, Mass	Lumber, gen.	7,801
Crawford Ellis	-1 14	14	Nor	Lago Shipping Co United Fruit Co	Balboa, C. Z	Curação, N.W.I Almirante, R.P	Ballast	
Point Paimas	13	14	Amer	Gulf-Pacific Line	Portland, Oreg	Tampa, Fla	Lumber, gen.	
Lena Luckenbach. Heffron	13 14	14	Amer	Luckenbach-Gulf Co. Weyerhaeuser S.S. Co.	Portland, Oreg Portland, Oreg Seattle, Wash	Tampa, Fla Norfolk, Va Avonm'th, Eng.	Lumber, gen. Lumber, gen.	17.106
Llanishen Pacific Grove 2	14	14	Brit	Anglo-Can. S. S. Co Furness, Withy & Co. Seaboard Ship. Co	N.Westm'er, B.C.	Avonm'th, Eng.	(16)	8,000
Fowberry Tower	14 14	15 15	Brit Brit	Seaboard Ship, Co.	Vancouver, B. C. Vancouver, B. C.	Manchester, Eng.	General Lum., grain	8,997 7,990
Fowberry Tower Balla ²	14	15	Nor	Smith & Johnson	Yavaros, Peru Portland, Oreg	Hull, England New York, N. Y. Philadelphia, Pa	Chick peas	4,528
San Anselmo Santa Barbara ²	14 15	15 15	Amer	Quaker Line Grace Line	SanAntonio, Chile	Philadelphia, Pa.	General	4,528 9,628 4,845
Arimacan Maru 2	14	15	Jap	Mitsui Senpakubu	Manila, P. I Portland, Oreg	New York, N. Y. Baltimore, Md Baltimore, Md	General	7,812
City of Norfolk.	15 15	15 17	Amer	AmerHawaiian Line. Panama-Pacific Line.	S. Francisco, Cal.	New York N. Y.	Lumber, gen. General	7,322 6,684
Ohioan. City of Norfolk. Ellery W. Niles 11 Imperial 2.	16	17	Amer.	U. S. Army	Balboa, C. Z	New York, N. Y. Cristobal, C. Z. New York, N. Y. Cristobal, C. Z.		
Nemours ² Margaret John-	10	16	Chile Fr	Cia. Sud Amer. de Vap. French Line	Talcahuano, Chile	New York, N. Y. Cristobal, C. Z.	Frozen, gen. Coffee, hides General	4,196 87
Margaret John- son. ²	16	17	Fr Swed	Johnson Line	Tumaco, Col Seattle, Wash	Goth'burg, Swed.	General	4,877
K. R. Kingsbury 1	16	16	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Baltimore, Md	Asphalt	11,346
Yearby	16 16	17 18	Brit Neth	Ropner Shipping Co	S. Francisco, Cal. N.Westm'er, B.C.	England Cristobal, C. Z	Lumber, gen.	8,614
Yearby. Douro ² . Goonawarra ²	16	17	Swed	W.I.Scheepy Maat'h. Transatlantic S.S. Co.	Calloa, Peru Mackay, Austr'lia	Halifax, Canada	Ballast Sugar	6,610
Nebraskan	16 16	17 17	Amer Nor	AmerHawaiian Line.	Portland, Oreg N.Westm'er, B.C.	Halifax, Canada Boston, Mass Belfast, Ireland New York, N. Y.	General	9,311 7,871 4,214
Orestes Nordhavl ² San Angelo	16	17	Neth	Knutsen Line Royal Neth. S. S. Co.	Magatlan May	New York, N. Y.	Lumber, gen. Chick peas	4,214
Nordhavl 2 San Angelo	17 17	17 17	Dan Amer	Chile Nit. Sales Corp. Quaker Line	Tocopilla, Chile Seattle, Wash Seattle, Wash	Norfolk, Va Philadelphia, Pa.	Nitrate	1 8,000
Littan Lucken-	17	17	Amer.	Luckenbach Line	Seattle, Wash	Boston, Mass	Gen., lumber Gen., lumber	8,001 9,802
bach. Luna ²	17	17	Pan	A Tagaropulos	1		(17)	15
Luna ² Chaumont ⁸	16	20	Amer	A. Tagaropulos U. S. Navy	Darien, R. P S. Francisco, Cal.	Colon, R. P Norfolk, Va Cristobal, C. Z	General	504
Ciss H. D. Collier	17 17	20 18	Nor Amer	Grace Line Standard Oil of Calif.	Champ'ico, Guat.	Cristobal, C. Z Providence, R. I.	General Furnace oil	924 $11,621$
Fernwood	18 -25	18	Nor	Fearnley & Eger Colombian Govt	Masinloe, P. I	Chester, Pa Cartagena, Col	Chrome ore.	7,800
FernwoodCaldas 910 Lundby 211	-25 -18	18 19	Colom. Dan	Motortramp Stensved	S. Francisco, Cal. Masinloc, P. I Balboa, C. Z Ocean Is., S. Pac.	Landskrona.Swed	Phosphate	6,425
Colombia 2	17	20	Neth	Royal Neth. S. S. Co.		Cristobal, C. Z Cristobal, C. Z	Rubber, gen.	550
Rialto ² . Real ² . Sona ² . Akebono Maru ¹ ²	18	20 19	Pan Ital	Elliot Ship. & Land Co. Italian Line	B'ventura, Col Vancouver, B. C. Darien, R. P Darien, R. P	Trieste, Italy	Coffee, gen General	1,176 7,974
Real 2	18 18	20 20	Pan	Italian Line Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Curacao, N. W. I. Curacao, N. W. I. Curacao, N. W. I.	Bananas	40
Akebono Maru 1 2	18	19	Pan Jap Neth	Elliot Ship. & Land Co. Nippon Kaiun Kaisha	S. Francisco, Cal.	Curação, N. W. I.	Bananas Gasoline	40 11,888
Rita 1 Polartank 1 2	17 18	19 19	Neth Nor	Cur. Scheepy My	Balboa, C. Z	Curacao, N. W. I.	Ballast	
El Grillo 1	18	19	Brit	Cur. Scheepy My Anglo-Saxon Pet. Co. C. T. Bowring & Co.	Los Angeles, Cal. LaLibertad, Ecua.	Trance	Crude oil	9,956 9,594
Arizona	18 19	$\frac{20}{20}$	Fr Neth	French Line	Valparaiso, Chile. B'ventura, Col	Hayre France	Nit., gen	7,029
Nero ² . Willmoto ² .	18	19	Amer.	Arrow Line	Portland, Oreg	Cristobal, C. Z Baltimore, Md Cristobal, C. Z	Lumber	373 7,930
Yamazato Maru 2	19 18	$\frac{21}{20}$	Pan Jap	Yamashita Line	Darien, R. P Kobe, Japan	Cristobal, C. Z Buenos Aires, Arg.	Bananas General	15 4,681
Mussolini 2	19	21	Pan	H. Obarrio. Calmar S. S. Corp.	Darien, R. P Seattle, Wash	Cristobal, C. Z.	Bananas	60
Mussolini ² Texmar Nuevo Panama ² .	19 19	19 20	Amer	Cia. Colombiana Cab.	Seattle, Wash B'ventura, Col	Philadelphia, Pa.	Lumber Coffee	7,452 212
Wyvern Samuel Bakke ²	20 20	21 21	Nor	Seaboard Ship. Co	Pt. Alberni, B. C. Valparaiso, Chile.	Cristobal, C. Z Durban, S. Afr	Lumber	5,127
Santa Inez 2	20	21	Nor Amer	Knut Knutsen O.A.S. Grace Line	Valparaiso, Chile. Chanaral, Chile.	Copenhagen, Den. New York, N. Y.	General	7,197 3,441
Salvador Chilore	$\frac{20}{21}$	21	Brit	Grace Line	Champ'ico, Guat.	New York, N. Y. Cristobal, C. Z.	General	4
Childre	21	41	Amer	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md	Iron ore	21,000

Vinni 2 Vinni 2 Vinni 3 Vinni 2 Vinni 3 Vinni 2 Vinni 3 Vinni 3 Vinni 3 Vinni 3 Vinni 4 Vinni 4 Vinni 4 Vinni 5 Vinni 5 Vinni 6 Vinn		rived	eared	Nation-	Line	Pe	Cargo		
Susan Maeresk 21 22 22 23 23 24 24 25 25 26 26 27 26 27 27 27 28 28 29 29 28 29 29 29	Ship	Date arrived	Date cleared			From-	For—	Nature	Long tons
Trajanus	Vinni 2	20	21	Nor	Procter & Gamble		Baltimore, Md	Copra	7,402
N. R. Acever	Traianus	21	27	Neth	Royal Neth S S Co.	Valnaraiso Chile	Cristobal C Z	Barley	3,587
M. R. Reever 24 Amer. Dutton Lumber Corp. Everett, Wash New York, N. J. Bananas Perror S. 24 Amer. C. Schumm 4 Sandpiper 4 22 Amer. C. Schumm 4 Sandpiper 4 22 Amer. C. Schumm 4 Sandpiper 4 22 24 Amer. C. Sandpiper 4 22 24 Amer. C. Sandpiper 5 24 Amer. C. Sandpiper 5 25 Amer. C. Sandpiper 5 Amer. C	Nosiro Maru 2	21	22	Jap	Nippon Yusen Kaisha	Shanghai, China	New York, N. Y.	Silk, gen	4,828
M. R. Reever 24 Amer. Dutton Lumber Corp. Everett, Wash New York, N. J. Bananas Perror S. 24 Amer. C. Schumm 4 Sandpiper 4 22 Amer. C. Schumm 4 Sandpiper 4 22 Amer. C. Schumm 4 Sandpiper 4 22 24 Amer. C. Sandpiper 4 22 24 Amer. C. Sandpiper 5 24 Amer. C. Sandpiper 5 25 Amer. C. Sandpiper 5 Amer. C	Kirisima Maru 2	21	22	Jap	Kokusai Kisen Kaisha	Manila, P. I	New York, N. Y.	General	8.576
M. R. Keever 21 24 Amer. 12 23 Pan. Elilot Ship, & Land Co. Darieu, R. P. C. Fristolad, C. Z. Bananas. Prince S. Embiricos 21 22 Amer. 12 24 Amer. U. S. Arny. Balboa, C. Z. Cristobal, C. Z. Bananas. Prince Lord. R. C. Schumm. 4 Sandpiper 4. 22 24 Amer. U. S. Arny. Balboa, C. Z. Cristobal, C. Z. Bananas. Prince Lord. R. C. Schumm. 4 Sandpiper 4. 22 25 Brit. Canadian Transp. Co. Vancouver, B. C. United Kingdom. Prince Lord. R. C. Schumm. 4 Sandpiper 4. 22 26 Brit. Canadian Transp. Co. Vancouver, B. C. United Kingdom. Prince Lord. R. C. Schumm. 4 Sandpiper 5. 23 24 Nor. S. Amer. Hawaina Line. Schuckers. Schule.	Fortuna 2	21	22	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	70
	W. R. Keever	21	21	Amer	Dutton Lumber Corp.	Everett, Wash	New York, N. Y.	Lumber	7,500
	Sorphy 2			Pan	Elliot Ship, & Land Co.	Darien, R. P	Cristobal, C. Z	Bananas	38
Schumm	Irene S. Embiricos	21	22	Greek	Chile Nit. Sales Corn.	Ant'fagasta Chile	Azores 13		
Schumm.	Lt. Col. H. C.	22	24			Balboa, C. Z	Cristobal, C. Z.		
Oropesa 22 23 Brit. Paefic Steam Nay. Co Valparaiso, Chile. United Kingdom (3) 10 10 10 10 10 10 10 1	Schumm. 4								
Oropesa 22 23 Brit. Paefie Steam Nav. Co Valparaiso, Chile. United Kingdom (3) 10, Damsterdijk 22 23 Nor. N. Atl. & Gulf S. S. Co Salaverry, Peru. Savannah, Ga. Raw sugar. 3, Orotava 23 23 Amer. Amer. Hawaiian Line. Seattle, Wash Savannah, Ga. Amapala, Hond. Boston, Mass. Sophoeles 23 24 Nor. Isbrandisen Moller. Singapore, St. Set altimore, Md. Microscopies Savannah, Ga. Savannah, Ga. Amapala, Hond. Boston, Mass. General. S. Savannah, Ga. Amapala, Hond. Souther, Microscopies Savannah, Ga. Savannah, Ga. Amapala, Hond. Souther, Microscopies Savannah, Ga. Savannah, Ga. Amapala, Hond. Souther, Microscopies Savannah, Ga.	Sandpiper 4	22		Amer	U. S. Navy	Balboa, C. Z			
Sophoeles 2 23 Nor. Isbrandses Moller. Singapore, St. Set. Blattimore, Md. General. 5, Sophoeles 2 23 Nor. Isbrandses Moller. Singapore, St. Set. Blattimore, Md. General. 5, Osphoeles 2 24 Dan. Least Asiatic Co. Least Co. Le	Hannington Court	22		Brit	Canadian Transp. Co.	Vancouver, B. C.	United Kingdom.	(14)	9,200
Sophoeles 2 23 Nor. Isbrandses Moller. Singapore, St. Set. Blattimore, Md. General. 5, Sophoeles 2 23 Nor. Isbrandses Moller. Singapore, St. Set. Blattimore, Md. General. 5, Osphoeles 2 24 Dan. Least Asiatic Co. Least Co. Le	Damsterdiik 2	22	23	Neth	N Pac Coast Line	Vancouver B. C.	Rotterdam Neth	(16)	7,435 10,356
Sophoeles 2 23 Nor. Isbrandses Moller. Singapore, St. Set. Blattimore, Md. General. 5, Sophoeles 2 23 Nor. Isbrandses Moller. Singapore, St. Set. Blattimore, Md. General. 5, Osphoeles 2 24 Dan. Least Asiatic Co. Least Co. Le	Far	22	23		N. Atl. & Gulf S. S. Co	Salaverry, Peru.	Savannah, Ga	Raw sugar	3 864
Sophoeles 2 23 Nor. Isbrandses Moller. Singapore, St. Set. Blattimore, Md. General. 5, Sophoeles 2 23 Nor. Isbrandses Moller. Singapore, St. Set. Blattimore, Md. General. 5, Osphoeles 2 24 Dan. Least Asiatic Co. Least Co. Le	Orotava	23	23	Hond	United Fruit Co	Amapala, Hond	New Orleans, La.	(17)	730
Australen 23 24 Neth. Cille Nit, Sales Corp. Calary Cathwood 23 24 Neth. Cille Nit, Sales Corp. Calary Cathwood 23 24 Amer. Cald. Cathwood Cat	Floridian	23		Amer	AmerHawaiian Line.	beautie, wash	Boston Mass.		8,296
Cathwood 23 24 Amer. Chando Co. Fanama, R. P. Cristobal, C. Z. Crude oil. 9, American Reefer. 24 24 Dan. J. Lauritzen. Cowlean, Peru. Marna 23 24 Dan. J. Lauritzen. Cowlean, Peru. Marno 2 25 Cristobal, C. Z.	Sophocles 2	23	24	Nor	Isbrandtsen Moller	Singapore, St. Set	Baltimore, Md	General	5,485
Cathwood 23 24 Amer. Chando Co. Fanama, R. P. Cristobal, C. Z. Crude oil. 9, American Reefer. 24 24 Dan. J. Lauritzen. Cowlean, Peru. Marna 23 24 Dan. J. Lauritzen. Cowlean, Peru. Marno 2 25 Cristobal, C. Z.	Australien 2	23	24	Dan	Chile Nit Sales Corn	Bangkok, Siam.	Nuevitas, Cuba.	Rice, pepper.	4,669
American Reefer 24 24 Dan. J. Lauritzen Sanaverry, Fert. Sanaverry Sanaver	Roal 2	23	91	Pan	Flliot Ship & Land Co.	Panama R P	Cristobal C Z	Drume	8,923
Manto 2	Cathwood 1	23	24	Amer.	Union Oil of Calif	Pt. San Luis, Calif.	Savannah, Ga	Crude oil	9.332
Manto 2	Marna	23	24	Dan		Salaverry, Peru	New York, N. Y.	Nit., bran	9,332
Arkansan	American Reefer.	24		Dan	J. Lauritzen	Cowichan, Peru	Barbados, B.W.I.	Lumber, gen.	2,080
Medon 2	Manto 2	24			Nv W. I. Scheepvaart	Guayaguil, Ecua.	Cristobal, C. Z.		344
Noutrein Frince 24 25 26 Nor De La Rama S.S. Co. Masinloc, P. I. New York, N. Y. Colombia 2 25 27 Neth. Royal Neth. S. S. Co. B'ventura, Col. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It.d. Masinloc, P. I. New York, N. Y. Colombia 2 25 27 Neth. Royal Neth. S. S. Co. B'ventura, Col. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It.d. New York, N. Y. Colombia 2 25 27 Neth. Royal Neth. S. S. Co. B'ventura, Col. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It.d. New York, N. Y. Colombia 2 25 27 Pan. Elliot Ship, & Land Co. B'aboa, C. Z. Cristobal, C. Z. Ballast. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Ballast. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Ballast. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Cristobal, C.	Arkansan	24			AmerHawanan Line.	Portland, Oreg	Boston, Mass		7,916
Noutrein Frince 24 25 26 Nor De La Rama S.S. Co. Masinloc, P. I. New York, N. Y. Colombia 2 25 27 Neth. Royal Neth. S. S. Co. B'ventura, Col. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It.d. Masinloc, P. I. New York, N. Y. Colombia 2 25 27 Neth. Royal Neth. S. S. Co. B'ventura, Col. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It.d. New York, N. Y. Colombia 2 25 27 Neth. Royal Neth. S. S. Co. B'ventura, Col. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It.d. New York, N. Y. Colombia 2 25 27 Pan. Elliot Ship, & Land Co. B'aboa, C. Z. Cristobal, C. Z. Ballast. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Ballast. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Ballast. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Coffee, gen. 1, Prince Line, It. Cristobal, C. Z. Cristobal, C.	Oklahoman		24		Chile Exploration Co.	Ant'fagasta Chile	Now York N V		7,076 7,500
New York, N. Y. San Diego, Calif. San Di	Cacique		26		Grace Line	Guavaguil, Ecua.	Cristobal, C. Z.	(19)	1,263
New York, N. Y. San Diego, Calif. San Di	Susana 5	24			R. McKeown	Balboa, C. Z	Cristobal, C. Z.		
New York, N. Y. San Diego, Calif. San Di	Luna 2	24	24	Pan	A. Tagaropulos	Darien, R. P	Colon, R. P		11
Colombia 2 25 27 Pan Elliot Ship, & Land Co. B'ventura, Col. Cristobal, C. Z. Coffee, gen. 1, Draco 2 25 27 Pan. Elliot Ship, & Land Co. B'ventura, Col. Cristobal, C. Z. Coffee, gen. 1, Draco 2 25 27 Pan. Elliot Ship, & Land Co. B'ventura, Col. Cristobal, C. Z. Coffee, gen. 1, Colombia 2 25 26 Amer. Calif. & Eastern Line Cristobal, C. Z. Bananas. Cretchen D. 5 25 Amer. Washington. 25 26 Amer. Calif. & Eastern Line Portland, Oreg. New York, N. Y. Lumber. 7, San Clemente. 26 28 Pan. Henry Obarrio. Darien, R. P. Cristobal, C. Z. Bananas. Scottish Star. 26 28 Pan. Henry Obarrio. Darien, R. P. Cristobal, C. Z. Bananas. Scottish Star. 26 26 Enit. Blue Star Line. Calif. & Lordon, Cristobal, C. Z. Bananas. Cristobal, C. Z.	Southern Prince 2.	24	25	Brit	Prince Line, Ltd	Portland, Oreg		General	6,590
Mashington 25 26 Amer. States S. S. Co. Portland, Oreg. New York, N. Y. Lumber. 7,	Ivaran 2		26	Nor	De La Rama S.S. Co.	Masinloc, P. I	New York, N. Y.	(20)	8,165
Mashington 25 26 Amer. States S. S. Co. Portland, Oreg. New York, N. Y. Lumber. 7,	Draco 2	25	27	Noth	Royal Noth S S Co.	B'ventura, Col	Cristobal, C. Z.	Coffee, gen	1,264
Mashington 25 26 Amer. States S. S. Co. Portland, Oreg. New York, N. Y. Lumber. 7,	Sambu 2	25			Elliot Ship, & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	62
Mussolini 2 26 28 Pan Henry Obarrio Darien, R. P. Cristobal, C. Z Bananas 6	Gretchen D. 5	25			Wm, Diez	Balboa, C. Z l	Cristobal, C. Z.	Ballast	
Mussolini 2 26 28 Pan Henry Obarrio Darien, R. P. Cristobal, C. Z Bananas 6	Washington				States S. S. Co	Portland, Oreg., .	New York, N. Y.	Lumber	7,671
Scottish Star. 26 26 Chile. Cia Sud Amer. de Vap. Valparaiso, Chile. New York, N. Y. General. 2, Lawrence 24 27 Amer. U. S. Navy. San Diego, Calif. Cristobal, C. Z. San Diego, Calif	San Clemente	26	26		Calif. & Eastern Line	Portland, Oreg	Philadelphia, Pa.	Lumber, gen.	8,073 55
Scottish Star. 26 26 Chile. Cia Sud Amer. de Vap. Valparaiso, Chile. New York, N. Y. General. 2, Lawrence 24 27 Amer. U. S. Navy. San Diego, Calif. Cristobal, C. Z. San Diego, Calif	Muscolini 2	20	28	Pan	Henry Obarrio	Darien, R. P	Cristobal, C. Z.	Bananas	78
Aconcagua 2 26 26 Chile Cia Sud Amer. de Vap Valparaiso, Chile San Diego, Calif. Cristobal, C. Z.	Scottish Star	26	26	Brit		Vancouver, B. C.	United Kingdom.		6,886
Amer. 24 27 Amer. U. S. Navy. San Diego, Calli. Cristobal, C. Z.	Aconcagua 2	26	26	Chile	Cia Sud Amer. de Vap	Valnaraiso, Chile.	New York, N. Y.	General	2,113
Name	Lawrence 9	24	27	Amer	U. S. Navy	San Diego, Cain.	Cristobal, C. Z.		
Akaroa 26 27 Brit Shaw, Savill & Albio Wellington, N. Z. London, England Trockettijk 27 28 Neth Holland-Amer. Line. Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Stockettijk Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Stockettijk Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Stockettijk Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Stockettijk Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Stockettijk Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Stockettijk Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Stockettijk Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Prozentije Stockettije Sto	King 9		27		U S. Navy	San Diego, Calli.	Guantanamo Bay		
Akaroa 26 27 Brit Shaw, Savill & Albio Wellington, N. Z. London, England Trockettijk 27 28 Neth Holland-Amer. Line. Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Stockettijk Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Stockettijk Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Stockettijk Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Stockettijk Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Stockettijk Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Stockettijk Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Stockettijk Vancouver, B. C. Rotterdam, Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Neth Wellington, N. Z. London, England Prozentije Stockettije Sto	Point Ancha	26	27		Swayne & Hoyt	Seattle, Wash	New Orleans, La.	General	5,495
Akaroa 26 27 27 28 Neth. Holland-Amer. Line. Vancouver, B. C. Canadian Govt. Esquimalt, B. C. Balboa 13 Stephenore 27 28 Neth. Panama-Pacific Line. S. Francisco, Cal. Kestigouche 9 27 28 Neth. Panama-Pacific Line. S. Francisco, Cal. Kestigouche 9 27 28 Neth. Panama-Pacific Line. S. Francisco, Cal. Kestigouche 9 28 Neth. Panama-Pacific Line. S. Francisco, Cal. Kestigouche 9 28 Neth. Canadian Govt. Esquimalt, B. C. Balboa 13 S. C. New York, N. Y. General. 5. (Inches of the Stephenor) S. Francisco, Cal. Tuxpan, Mexico. Chemainus, B. C. Chema	Karmt 2	27	27	Nor	Chile Nit Sales Corn	Tocopilla Chile	Pensacola Fla	Nit of soda	8 880
Drechtdijk 2	Akaroa	26	27	Brit	Shaw, Savill & Albion	Wellington, N. Z.	London, England		\$,880 5,700
Corito C	Drechtdijk 2	27	28	Neth	Holland-Amer. Line	Vancouver, B. C.	Rotterdam, Neth.	Wheat, gen.	9,872
Corito C	Ottawa 9	27	27	Brit		Esquimalt, B. C.	Balboa 13		
Huzisan Maru 1 2 27 28 Jap. InoShozi Kaisha, Ltd. Corinto, Nic. Tuxpan, Mexico. Ballast. Corinto, Nic. 27 28 Dan. C.K. Hansen. Chemainus, B. C. Boston, Mass. Lumber. 7,8 Cancagna 25 28 Chile. Chilean Navy. Valparaiso, Chile. Conte Grande. 28 29 Ital. Italian Line. SanAntonio, Chile. SanAntonio, Chile. Baltimore, Md. Lumber, gen. 10,7 Corptona 27 28 Amer. Weyerhaeuser S. S. Co. Everett, Wash. Baltimore, Md. Lumber, gen. 10,7 Corptona 22 29 J. Slav. Essex Line. Ltd. Eten. Peru. Coristobal, C. Z. Bananas. Darien, R. P. Cristobal, C. Z. Bananas. Sugar. 5,7 Corptona 28 29 Samer. Luckenbach Gulf Co. Darien, R. P. Cristobal, C. Z. Bananas. Samanas 28 29 Pan. Elliot Ship. & Land Co. Darien, R. P. Cristobal, C. Z. Bananas. Cristobal, C. Z. Bananas. Corptona C	Restigouche 9	27	27	Brit	Canadian Govt	Esquimalt, B. C.	Balboa 13		
Stjerneborg 2 27 28 Dan. C. K. Hansen Chemainus, B. C. Boston, Mass. Lumber. 7,8	Hugican Mary 1 2	27		Amer	Panama-Pacine Line .	S. Francisco, Cal.	New York, N. 1.	Rollost	5,073
Rancagua 25 28 Chile Chilean Navy Valparaiso, Chile Tampico, Mexico Ballast Conte Grande 28 29 Ital Italian Line SanAntonio, Chile Chilean Navy Copper, gen 3, (Pomona 27 28 Amer. Weyerhaeuser S. S. Co Everett, Wash Baltimore, Md. Lumber, gen 10, 7 Chilean Navy Copper, gen 3, (Pomona 27 29 Pan Elliot Ship, & Land Co Darien, R. P. Cristobal, C. Z Bananas 5, 7 Mathew Lucken 28 28 Amer. Luckenbach Gulf Co Darien, R. P. Cristobal, C. Z Sanato Copper, gen 28 29 Pan Elliot Ship, & Land Co Darien, R. P. Cristobal, C. Z Bananas Copper, gen 28 29 Pan Elliot Ship, & Land Co Darien, R. P. Cristobal, C. Z Bananas Rita 27 29 Neth Cur, Scheepv, My. Balboa, C. Z Curacao, N.W.I. Ballast Chrome ore 8, 5 City of Dalhart 2 28 29 Amer. Roosevelt S. S. Co Iloilo, P. I. New York, N. Y Candada Chrome ore S. Sanato Clara 29 29 Amer. Grace Line Sanatonio, Chile Candada Candad	Stiernehorg 2	27	28	Dan.		Chemainus, B. C.	Boston Mass	Lumber	7,500
Conte Grande 28 29 Ital Italian Line SanAntonio, Chile Genoa, Italy Copper, gen. 3, 2 Pomona 27 28 Amer. Weyerhaeuser S. Co Everett, Wash. Baltimore, Md. Lumber, gen. 10, 7 Fortuna 2. 29 Ja-Slav. Essex Line, Ltd. Eten, Peru. Cork, Ireland. Sugar. 5, 7 Mathew Lucken-bach 28 28 Amer. Luckenbach Gulf Co. Portland, Oreg. Tampa, Fla. General. 5, 7 Sona 2 28 29 Pan. Elliot Ship, & Land Co. Darien, R. P. Cristobal, C. Z. Bananas. Copra, gen. 7, 4 Rita 1 27 29 Pan. Elliot Ship, & Land Co. Darien, R. P. Cristobal, C. Z. Bananas. Queen Adelaide 2 28 29 Brit. Lavino Shipping Co. Masinloc, P. I. Baltimore, Md. Chrome ore 8,5 City of Dalhart 2 28 29 Amer. Groeceline. SanAntonio, Chile New York, N. Y. Gen	Rancagua 1	25	28	Chile	Chilean Navy	Valparaiso, United	Tampico, Mexico	Ballast	
Fortuna 2 27 29 Pan Elliot Ship, & Land Co. Darien, R. P. Cristobal, C. Z. Bananas 5,7 Mathew Lucken-bach. 28 28 Amer. Luckenbach Gulf Co. Portland, Oreg. Tampa, Fla. General. 5,7 Tolken. 28 29 Pan. Elliot Ship, & Land Co. Darien, R. P. Cristobal, C. Z. Bananas. 7,4 Real 2 28 29 Pan. Elliot Ship, & Land Co. Darien, R. P. Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Bananas. Real Cristobal, C. Z. Real Cri	Conte Grande	28	29	Ital	Italian Line	San Antonio, Chile	Genoa, Italy	Copper, gen.	3,097
Transatlantic S. S. Co. Pt. Pirie, Aust. United Kingdom, Copra, gen. 7,4	Pomona	27	28		Weyerhaeuser S. S. Co	Everett, Wash	Baltimore, Md	Lumber, gen.	10,727
Tolken	Drovo	27	29	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. L.	Bananas	5 720
Transatlantic S. S. Co. Pt. Pirie, Aust. United Kingdom, Copra, gen. 7,4	Mathew Lucken	28			Luckenbach Gulf Co.	Portland Oreg	Tompa Fla	Concrel	5,713
Tolken	bach.	201	20	TIME I	Duckenbach Guir Cor	Tornand, Oreg	Tampa, Tiu	Cicician	0,110
Sona 2	Tolken	28			Transatlantic S. S. Co.	Pt. Pirie, Aust	United Kingdom.		7,413
Queen Adelaide 2. 28 29 Brt. Lavino Shipping Co. Massinloc, P. I. Baltimore, Md. Chrome ore 8,5 City of Dulhart 2. 28 29 Amer. Roosevelt S. S. Co. Iloilo, P. I. New York, N. Y. (23) 4,9 Santa Clara. 29 29 Amer. Grace Line. SanAntonio, Chile New York, N. Y. General. 5,6 Perth 12 29 29 Brit. British Government. High seas. High seas. High seas. Fernmoor 2. 28 29 Nor. Fern Line. Cebu, P. I. Philadelphia, Pa. (24) 7,4 Walter A. Lucke. 29 29 Amer. Luckenbach Line. Seattle, Wash. Boston, Mass. General. 8,6	Sona 2	28	29	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	37 37
Queen Adelaide 2. 28 29 Brt. Lavino Shipping Co. Massinloc, P. I. Baltimore, Md. Chrome ore 8,5 City of Dulhart 2. 28 29 Amer. Roosevelt S. S. Co. Iloilo, P. I. New York, N. Y. (23) 4,9 Santa Clara. 29 29 Amer. Grace Line. SanAntonio, Chile New York, N. Y. General. 5,6 Perth 12 29 29 Brit. British Government. High seas. High seas. High seas. Fernmoor 2. 28 29 Nor. Fern Line. Cebu, P. I. Philadelphia, Pa. (24) 7,4 Walter A. Lucke. 29 29 Amer. Luckenbach Line. Seattle, Wash. Boston, Mass. General. 8,6	Real 2	28		Pan	Elhot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	37
City of Dathart z 28 29 Amer. Roosevelt S. S. Co. Hollo, P. I New York, N. Y. Carlo Santa Clara 29 29 Amer. Grace Line SanAntonio, Chile New York, N. Y. General 5,6					Lavino Shipping Co	Masinlos P I	Baltimore Md		8 550
Santa Clara. 29 29 Amer. Grace Line. SanAntonio, Unie New York, N. 1. General. 5,0 Perth 12. 29 29 Brit. British Government. High seas. High seas. High seas. High seas. 4 7,4 Walter A. Luck. 29 29 Amer. Luckenbach Line. Seattle, Wash. Boston, Mass. General. 8,0	City of Dalhart 2	28		Amer.	Roosevelt S. S. Co.	Iloilo, P. I	New York, N. Y.	(23)	4,934
Perth ¹² 29 29 Brit British Government High seas High seas Fernmoor ² 28 29 Nor Fern Line Cebu, P. I Philadelphia, Pa (24) 7,4 Walter A. Luck 29 29 Amer. Luckenbach Line Seattle, Wash Boston, Mass General 8,0	Santa Clara	29	29		Grace Line	SanAntonio, Chile	New York, N. Y.		5,678
Walter A. Luck- 29 29 Amer. Luckenbach Line Seattle, Wash Boston, Mass General 8,0	Perth 12	29		Brit	British Government	High seas	High seas		
Walter A. Luck- 29 29 Amer. Luckenbach Line Seattle, Wash Boston, Mass General 8,0	rernmoor "		29	Nor	Fern Line	Cebu, P. I.	Philadelphia, Pa.		7,400
enpach.	Walter A. Luck-	29	29	Amer	Luckenbach Line	Seattle, Wash	Boston, Mass	General	8,087
Macabi 29 29 Pan United Fruit Co Golfito Boston, Mass Pipe, fittings S	Macabi	20	20	Pan	United Fruit Co	Golfito	Boston, Mass	Pine, fittings	800

¹ Tanker. ² Motor ship. ⁴ Tug. ⁵ Launch. ⁹ Destroyer. ¹² Cruiser. ¹³ For orders. ¹⁴ Lumber, canned goods. ¹⁵ Cotton, tin, nitrate, general. ¹⁶ Grain, canned goods, airplanes. ¹⁷ Bullion, drums, bananas. ¹⁸ Ivory nuts, coffee. ¹⁹ Coffee, ivory nuts, rubber. ²⁰ Ore, sugar, general. ²¹ Fruit, metal, general. ²² Wood oil, fish meal. ²³ Sugar, ore, hemp. ²⁴ Copra, chrome ore.

PACIFIC TO ATLANTIC—Continued								
	rrived leared Natio			ion- Line	Po	Cargo		
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Steel Exporter Pacific Exporter ² .	30	30	Brit	Isthmian S. S. Lines Furness, Withy & Co. Morel, Ltd., London.	Honolulu, T. H Vancouver, B. C.	Baltimore, Md Manchester, Eng.		8,168 8,449 8,060
Nolisement Vernon City	30		Brit Brit	Morel, Ltd., London. Seaboard Lumber Co.	Suva, Fiji Is N.Westm'er,B.C.	United Kingdom. United Kingdom.	Sugar, pines. Lum., lead.	7,800
Pennmar	30	1	Amer	Calmar S. S. Corp	Taeoma, Wash	Baltimore, Md	Copper, lum.	[7,250]
Curaca	30	1 3	Amer	Grace Line	S. Francisco, Cal. Guayaquil, Ecua.	Baltimore, Md Baltimore, Md Cristobal, C. Z Norfolk, Va	Conc.,hooves	4,634
Ward 2	30		Neth Amer		Manila, P. I	Norfolk, Va	General	7.457
Steel Trader	1	1	Amer	Isthmian S. S. Lines Kawasaki K. Kaisha	Manila, P. I Manila, P. I	Baltimore, Md	General	8,376 7,269
Kimikawa Maru ² San Diego	1	2	Jap Fr	French Line	San Miguel Portland, Oreg	Houston, Tex	Ore, gen General	7,269 5,830
San Diego Porto Bello ²	1	4	Pan	A. Tagaropulos. W. Ind. Scheepvaart.	Darien R. P	Colon, R. P.	(17)	18
Manto ² Colombia ²	1 9	3 3	Neth Pan	W. Ind. Scheepvaart. Elliot Ship. & Land Co.	B'ventura, Col B'ventura, Col	Houston, Tex Havre, France Colon, R. P. Cristobal, C. Z. Cristobal, C. Z.	Coffee, gen Coffee, gen	540 1,248
Hawanan	2 2 2 2 2	2	Amer.	AmerHawaiian Line. U. S. Navy	Portland, Oreg	Baltimore, Md		
Sands 9	2	3	Amer Pan	U. S. Navy	Balboa, C. Z Darien, R. P Darien, R. P	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Norfolk, Va St. John Can	Bananas	25
Sona ² . Pirre ² . Tai Yang ² .				Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	38
Tai Yang 2	30	2	Nor	Elliot Ship. & Land Co. Barber-Wilhelmsen	Manila, P. I	Norfolk, Va	General	7,457
Kaikoura ²	$\frac{2}{2}$	3	Brit Greek	M. A. N. Z. Line Chile Nit. Sales Corp.	Adelaide, Aust Antof'gasta, Chile		General Nitrate	6,425 7,758
Ebba ²	3	6	Pan		Darien, R. P.	Charleston, S. C. Cristobal, C. Z	Bananas	4.5
Draco 2	2 3 3 3 1	10	Jap Neth	Nippon Yusen Kaisya Royal Neth. S. S. Co.	B'ventura, Col	Rotterdam, Neth.	Coffee, hides.	7,467
St. Mihiel 8 Laura Maersk 2 Marija Petrinovic	1	4	Amer	U. S. Army	B'ventura, Col Balboa, C. Z Manila, P. I	Cristobal, C. Z. New York, N. Y. Baltimore, Md	General	199
Marija Petrinovic	3	5 4	Dan Y-Slav	Maersk Line Chile Nit. Sales Corp.	Toconilla Chile	Cibwelter 14	Nitroto	6,407 8,120
Mussolini 2	3	5 7	Pan	H. Obarrio	Darien, R. P	Cristobal, C. Z.	Bananas	85
Pereira	30	7 9	Pan Amer	Grace Line	Darien, R. P. Champ'ico, Guat. Honolulu, T. H.	Cristobal, C. Z.	General	1,217 849
Pereira Ludington ⁸ Plato ²	30	5	Neth	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z. Cristobal, C. Z. New York, N. Y. Barranquilla, V. I.	General Rice, coffee	500
Pygmalion 2 Karpo 2	4 4	7	Neth	U. S. Army Royal Neth. S. S. Co. Royal Neth. S. S. Co. Royal Neth. S. S. Co. Sudden & Christenson	Valparaiso, Chile. Guayaquil, Ecua.	Curacao, N.W.I.	General	2,903
De Soto	1 4	1 4	Neth	Sudden & Christenson	Los Angeles, Cal.	Barranquilla, Col. New York, N. Y.	Rice, general Lumber	384 7,816
De Soto MeLeish 9	4	5	Amer.		San Diego, Calif. Longview, Wash.	High seas	(19)	
San Felipe Rangitiki ²	3	5	Amer Brit	Quaker Line N. Z. Shipping Co. Ore S. S. Corp. Shell Oil Co.	Wellington, N. Z.	Philadelphia, Pa.	Meat, gen	8,677 5,835
Lebore	3 5	5	Amer	Ore S. S. Corp.	Wellington, N. Z. Cruz Gr'de, Chile	Baltimore, Md	Iron ore	5,835 21,300
Unhelie I	4 4	6 5	Swed	Cie. Aux. de Nav	Los Angeles, Cal. Lobitos, Peru	London, England Baltimore, Md Curacao, N.W.I. Donges, France	Gas oil Crude oil	14,148 7,952
Columbia Star 2	4	5	Drit	Blue Star Line	Vietoria, B. C	Liverpool, Eng Cristobal, C. Z	Frozen, gen.	7,550
Fortuna ² William Lucken-	5 4	9 5	Pan Amer	Elliot Ship. & Land Co. Luckenbach Line	Vietoria, B. C Darien, R. P Seattle, Wash	Boston, Mass	Bananas General	8,361
bach.								
PaulaVermar	4	6 5	Dan	West Coast Line Calmar S. S. Corp	Valparaiso, Chile. Aberdeen, Wash. Portland, Oreg	New York, N. Y. Providence, R. I.	Ore, gen	2,515 7,710
Nevagan	4 5	5	Amer	AmerHawanan Line.	Portland, Oreg	Roston Mass.	General	1,157
Aeajutla Kinugasa Maru ² .	4	6	Brit Jap	Paeifie Steam Nav.Co. Kokusai K. Kaisha	Champ'ico, Guat. Penang, St. Set.	New York, N. Y.	Coffee, gen General	120 5,846
Sambu 2	4 5 5 5 5	6	Pan	Elliot Ship. & Land Co.	Penang, St. Set Darien, R. P	Cristobal, C. Z. New York, N. Y. Cristobal, C. Z.	Bananas	58
Real ² Sona ² Moscha L. Gou-	5 5	7 6	Pan	Elliot Ship. & Land Co.	Darien, R. P Darien, R. P Tocopilla, Chile.	Cristobal, C. Z. Cristobal, C. Z. PanamaCity, Fla.	Bananas	35 20
Moscha L. Gou-	5	6	Greek.	Elliot Ship. & Land Co. Chile Nit. Sales Corp.	Tocopilla, Chile	Panama City, Fla.	Nitrate	7,740
landris. Mosli ¹ ²	2	6	Nor	Petroleos Mexicanos	Guayamas, Mex.	Aruba, N.W.I	Ballast	
West Camargo	5	6	Amer	McCormick S. S. Co.	Seattle, Wash	Buenos Aires, Arg.	General	6,518
Istmo	5 5	··· 6	Colom. Y-Slav	Colombiana Cabotaje. Chile Nit. Sales Corp.	B'ventura, Col Taltal, Chile	Cristobal, C. Z Gibraltar 14	Coffee	8,750
Steel Navigator	6	7	Amer	Isthmian S. S. Lines.	Indo-China	Baltimore, Md	Nitrate	8,121 7,448
Boris. Acaeia ¹³ . Idraet.	6 6	6	Greek. Amer	Chile Nit. Sales Corp. U. S. Government	Iquique, Chile Cap Mala, R. P.	Alexandria, Egypt	Nitrate	7,448
Idraet	6	7	Nor	W. I. Fruit & S. S. Co.	Pto.Arm'les, R. P.	Cristobal, C. Z. Bluefields, Nic	Ballast	
Santa Maria Lea ⁹	6 5	8	Amer	Grace Line U. S. Government	SanAntonio, Chile	New York, N. Y. U. S. Atl. coast.	General	5,004
Lea ⁹ Buchanan ⁹	5	8	Amer.	U. S. Government	U. S. West coast U. S. West coast	U. S. Atl. coast		
Wickes 9	6	8	Amer	U. S. Government U. S. Government	U. S. West coast	U. S. Atl. coast U. S. Atl. coast		
Twiggs ⁹ Wickes ⁹ Evans	6	8	Amer	U. S. Government	U. S. West coast U. S. West coast U. S. West coast	U. S. Atl. eoast.		
Philip	6 5	8	Amer	U. S. Government U. S. Government	U. S. West coast U. S. West coast	U. S. Atl. coast U. S. Atl. coast		
Crowninshield 9	5	8	Amer.	U. S. Government	U. S. West eoast	U. S. Atl. coast New York, N. Y.		
City of Newport News.	6	8	Amer	Panama-Pacifie Line	Los Angeles, Cal.	New York, N. Y.	General	4,498
Malay Sorholt	7	8	Amer	Shell Oil Corp	Los Angeles, Cal.	New York, N. Y.	Fuel oil	11,582
Aaron Ward 9	7	8	Nor Amer	De La Rama S. S. Co. U. S. Government	Iloilo, P. I U. S. West coast	New York, N. Y. New York, N. Y. U. S. Atl. eoast	General	7,154
Lagarto	7	9	Brit	Pacifie Steam Nav.Co.	Valparaiso, Chile.	Liverpool, Eng.	(22)	4,997

	arrived	cleared	Nation- ality	Line (Charterer or operator)	Po	Cargo		
Ship	Date ar	Date el			From—	For—	Nature	Long tons
Massmar. Colombia 2 El Oso. Bethore Leticia 2 Telde. Mauna Kea. Cacique. Skogheim. El Capitan. Porto Bello 2 Canadian Reefer 2 Estrid. Porseus. Douro 2 Algonquin 1 Sambu 2 Kazuura Maru 2 Amerikaland 2 Thorshowdi 1 2 Canadian Ebba 2	77 77 77 77 88 88 88 77 88 88 88 99 99 100 100	7 10 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	Pan Brit Amer Amer Pan Hond Amer Nor Amer Pan Dan Dan Greek. Neth Amer Jap	Calmar S. S. Corp. Elliot Ship. & Land Co. C. T. Bowring & Co. Asiatic Petroleum Co. Ore S. S. Corp. A. Tagaropulos. United Fruit Co. Grace Line. Grace Line. Empresa del Muelle. Wood Lumber Co. A. Tagaropulos. J. Lauritzen. Steamship Co., Torm. Chile Nit. Sales Corp. Royal Neth. S. S. Co Socony Vacuum Oil Elliot Ship. & Land Co. Mitsubishi Shoji K. Ore S. S. Corp. Anglo-Saxon Pet. Co. AmerHawaiian Line. H. Obarrio.	Seattle, Wash B'ventura, Col Cabo Bl'co, Peru. Los Augeles, Cal. Cruz Gr de, Chil. Pedregal, R. P Pto, Arm'les, R. P. Arica, Chile Guayaquil, Ecua. Chicama, Peru Townsend, Wash. Darien, R. P. Vancouver, B. C. Tocopilla, Chile. B'ventura, Col. Los Angeles, Cal. Darien, R. P. Simizu, Japan. Cruz Gr'de, Chile Los Angeles, Cal. Los Angeles, Cal. Los Angeles, Cal.	Baltimore, Md Cristobal, C. Z. Ellesmere, Eng. Curacao, N.W.I. Baltimore, Md Cristobal, C. Z. New Orleans, La. Anew York, N. Y. Barranquilla, Col. Philadelphia, Pa. New York, N. Y. Colon, R. P. Haifa, Palestine. Cardiff, Wales. Gulfport, Miss. Curacao, N.W.I. Beaumont, Tex. Cristobal, C. Z. New York, N. Y. Baltimore, Md Curacao, N. W. I. Searsport, Me. Cristobal, C. Z.	Sugar Lum, paper. Fruit, lum Fruit, gen Fruit, with gen Vitrate (13) Av. gasoline. Bananas Fishmeal.gen Iron ore	942 9,749 9,645 21,200 30 871 8,783 1,872 4,206 7,182 11 1,410 1,134 7,800 381 8,402 63

¹ Tanker. ² Motor ship. ¹³ Coffee, rice, hides.

Supplement to Tariff 13.—Coal

The Panama Railroad Company issued on October 11, 1939, supplement No. 3 to Tariff No. 13, making changes as shown below:

Item 21.—COAL (Effective November 1, 1939)

Paragraph 5 of Item 21 to Tariff No. 13 is annulled and the following substituted: 5. The prices of coal, regardless of quantity, and the rates for services in connection with its delivery are as follows:

Per top of 2.240 lbs.

· · · · · · · · · · · · · · · · · · ·	2 01 0011 01	212101001
(a) Coal delivered to vessels at Coaling Plants, trimmed in bunkers	Cristobal- Colon \$7.75	Balboa \$10.75
(b) Coal delivered to vessels by lighters from Cristobal Coaling Plant, trimmed in bunkers	8.25	
A flat charge of \$52.50 for lighterage on any quantity delivered will be made in addition to the basic price per ton.		
(c) For sacking lump coal for galley use, or other grades of coal, in addition to the basic price per ton.		
Labor, etcSacks, when furnished by Coaling Plant	3.00 2.00	3.00 2.00
If delivery is made at points other than the Coaling Plant, an extra charge covering the cost of delivery will be made.		

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, \$1.10 per barrel at Cristobal and Balboa; Diesel oil, \$1.90 per barrel at Cristobal and Balboa.

Consular Officers Accredited to Canal Zone

Consular Officers Accredited to Canal Zone							
Name Title	Address						
BELGIUM J. J. Henriquez Honorary Consul for Canal Zone	Colon						
BOLIVIA Dr. Jorge Eduardo Boyd Honorary Consul General for Canal Zone	. Panama						
BRAZIL Jorge D. Arias F Honorary Consul for Canal Zone Pedro Ernesto Arias I Honorary Vice Consul for Canal Zone	Panama Panama						
COLOMBIA Juan A. Calvo Consul General for Canal Zone from Balboa to Gamboa Jorge Castaño Castillo_ Consul General for Canal Zone from Cristobal to Gatun, including Gatun Lake							
COSTA RICA Juan Dávila Solera Honorary Consul General at Balboa for the Canal Zone Enrique Pucci Paoli Honorary Consul at Cristobal for the Canal Zone							
DENMARK Samuel Levy Maduro Honorary Consul for Canal Zone Colman Sasso Honorary Consul for Canal Zone	Panama Colon						
DOMINICAN REPUBLIC Manuel de J. Quijano Honorary Consul General for Canal Zone H. J. Henriquez Honorary Vice Consul for Canal Zone	Panama Colon						
EL SALVADOR Ernesto A. Boyd Honorary Consul for Cana Zone Roberto Boyd Vice Consul for Canal Zone	Panama Panama						
FINLAND Herman J. Henriquez Honorary Consul for Canal Zone	Colon						
FRANCE Pierre H. de la Blanchetai Consul for Canal Zone	Panama						
GERMANY							
Ernest F. Neumann Honorary Consul for port of Balboa, including Pacific part of Canal Zone Kurt Lindenberg Acting Consul for port of Cristobal							
Walther Schmidt Acting Consul for port of Cristobal and the Atlantic part of Canal Zone during the absence of Kurt Lindenberg on leave for six							
months from middle of May 1939 GREAT BRITAIN	Cristobal						
Douglas Gerald Rydings Consul for Canal Zone J. H. Dickinson Vice Consul for Canal Zone	Panama Panama						
GUATEMALA							
Tomás Arias Honorary Consul for Pacific part of Canal Zone at Balboa Manuel J. Castillo Honorary Vice Consul at Cristobal. Dr. Julio Jiménez Sierra. Honorary Consul at Cristobal.	Panama Colon Colon						
HAITI							
Alfred Joseph Consul General for Canal Zone Max R. Stempel Consul at Balboa, Canal Zone	Colon Panama						

Name	Title	Address
110me	HONDURAS	21447.033
Iuan Francisco Arias F.	- Honorary Consul at Balboa, Canal Zone	Panama
J 2	HUNGARY	
Pedro Ernesto Arias I	Honorary Consul for Canal Zone	Panama
	JAPAN	
Yashichi Otani	Consul for Canal Zone	Panama
	MEXICO	
Silvio Salazar	Honorary Consul for Canal Zone from Cristobal to Gorgona	Colon
	NETHERLANDS, THE	
	Honorary Consul General for Canal Zone Honorary Consul for Cristobal, Canal Zone	
	NICARAGUA	
	Consul General for Canal Zone	
	NORWAY	
	Consul at Balboa and Ancon, Canal Zone Consul for Canal Zone, except Balboa and Ancon	
	PERU	
	Consul General for Canal Zonetor Consul for Cristobal, Canal Zone	
	POLAND	
Luis Fernando Prada	Honorary Consul for Canal Zone	Colon
	SWEDEN	
Capt. Hans Elliot Julio A. Salas	Consul for Canal ZoneHonorary Vice Consul for Canal Zone	. Panama . Colon

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices to individuals and companies, as of December 14, 1939:

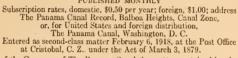
Commodities	Unit	Price
Brass, bar, average	Lb.	\$0.23
Brass, sheet, average	Lb.	.30
Bronze, Tobin, average	Lb.	.25
Gasoline, motor grade		1 1
Metal, yellow		.26
Oakum, Navy, spun		. 19
Oakum, Navy, unspun		.18
Oil, gun and ice machine.		.3
Oil, engine, gas, light, in drums, No. 2135	Gal.	.28
Oil, engine, gas, extra heavy, in cases, No. 2250.	Gal.	.39
Dil. engine, gas, extra heavy, in drums, No. 2250.	Gal	.30
Oil, kerosene, in drums.		1 1
Oil, marine, engine		.46
Paint, lead, white, dry		1 11
Paint, lead, white, in oil		1 11
Paint, zinc oxide, dry		.09
Paint, zinz oxide, in oil		1 12
Grease, gear, chain and wire rope, lubricating.		.03
Grease, yellow, cup, medium.	Lb.	.07
Grease, yellow, cup, hard.		.07
Soda, ash		.03
Vaste, cotton, colored		1
Waste, cotton, white		.13

THE PANAMA CANAL RECORD



OFFICIAL PUBLICATION OF THE PANAMA CANAL

PUBLISHED MONTHLY





Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business,

Volume XXXIII

Balboa Heights, C. Z., January 1, 1940

No 6

Traffic Through the Panama Canal in December 1939

The total vessels of all kinds transiting the Panama Canal during the month of December 1939, and for the same month in the two preceding years, are shown in the following tabulation:

	I	December 1939	December		
	Atlantic to Pacific	Pacific to Atlantic	Total	1938	1937
Ocean-going commercial traffic. Small commercial vessels ¹ . Noncommercial vessels:	273 49	216 45	489 94	509 79	439
United States Government Colombian Government For repairs		23	44	28	43
Total	344	284	628	618	565

¹ Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC 2

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the calendar year 1939, as compared with the calendar year 1938:

Month		of sels		Panama Canal net tonnage		Tons of cargo Tolls		lls		
	1939	1938	1939 3	1938 4	1939	1938	1939	1938		
January. February. March. April. May. June. July. August. October. November. December.	525 501 553 496 506 479 485 490 457 458 489 489	444 436 506 487 465 445 429 468 438 494 505 509	2,380,916 2,282,318 2,586,580 2,278,326 2,341,894 2,268,679 2,254,398 2,247,009 2,119,418 2,068,665 2,178,556 2,116,424	2,053,000 1,993,000 32,311,526 32,258,S36 32,150,228 32,064,793 31,933,S16 32,177,699 32,005,241 32,276,194 32,302,333 32,336,011	2,393,360 2,206,963 2,664,068 2,472,504 2,538,949 2,437,087 2,317,697 2,318,709 2,386,314 2,472,503 2,361,176	2,095,402 1,998,827 2,268,548 2,279,235 2,309,171 2,122,389 2,025,660 2,171,674 1,998,464 4,2,359,673 2,223,830 2,374,395	\$2,062,454.16 1,996,735.66 2,252,156.28 1,999,851.16 2,053,502.16 1,977,431.94 1,974,380.72 1,964,776.48 1,855,574.22 1,815,210.24 1,915,075.38 1,840,096.98	\$1,837,894,72 1,756,611,45 2,015,585,34 1,961,456,58 1,866,825,66 1,601,291,78 1,694,205.00 1,990,050.74 1,741,895,46 1,977,706,76 1,984,014,72 2,031,017.04		
Total	5,928	5,626	27,123,183	25,862,677	29,081,360	26,227,268	23,707,245.38	22,608,555.25		

² Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

3 Panama Canal net tonnage as figured under rules which became effective March 1, 1938.

4 Estimated tonnage under rules which became effective March 1, 1938.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of December 1939. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	49 45	2,031 1,842	\$1,545.48 1,656.54	739 2,221
Total	94	3,873	3,202.02	2,960

Traffic by Nationality of Vessels 5 for December 1939

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
British	87	456,085	\$387,456.66	382,903
Chilean	4	16,956	15,260.40	11,595
Colombian	3	1,356	1,220,40	2,193
Danish	23	74,765	65,397.42	85,528
Freneh	11	51,835	45,390.78	46,592
Greek	25	108,117	88,110.90	101,792
Honduran	10	14,534	12,356.28	8,837
Italian	4	30,597	26,852.58	6,928
Japanese	31	189,060	162,054.00	202,204
Netherland	33	38,705	33,766.38	30,771
Norwegian	52	235,007	202,450.86	264,553
Panamanian	20	40,192	36,172.80	73,052
Spanish	1	4,134	2,976.48	
Swedish	7	33,648	28,704.96	65,656
United States	174	814,280	717,388.38	1,047,012
Yugoslav	4	16,153	14,537.70	31,560
Total	489	2,116,424	1,840,096.98	2,361,176

⁵ Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Trade Routes for December 1939

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

	A	tlantic to P	acific	Pacific to Atlantie		
Trade route		Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	56	272,822	244,435	45	214,165	348,491
Canada Central America/Mexico South America Hawaiian Islands Australasia Philippine Islands Far East	1 7 41 2 9 10 41	1,685 10,195 168,480 8,839 45,608 55,063 205,118	2,000 9,140 41,490 11,674 61,319 67,075 306,477	2 7 28 4 1 11 15	7,330 14,061 112,869 19,476 4,514 57,757 81,032	10,320 3,336 278,274 31,409 7,644 66,799 92,299
East coast Canada and: United States. Australasia. Central America/Mexico intercoastal.	1	3,968 5,473	7,997 6,510	3 1	15,200 689	18,232
East coast Central America and: South America Far East South America intercoastal East coast South America and:	1 1 3	1,913 6,347 2,768	3,725 11,883 2,020		1,801	1,872
United States. Canada Philippine Islands. Far East		5,183	5,807	1 1	4,551 5,396	6,518 5,492
Cristobal and: Central America/Mexico. South America West Indies and:	4 18	2,806 9,922	2,770 9,266	5 22	3,500 12,139	3,198 14,450
United States. Canada Central America/Mexico. South America. Far East				6 1 1 4 2	31,270 2,080 6,264 11,278 9,142	62,253 3,160 8,365 16,971
Europe and: United States. Canada. South Ameriea. Hawaiian Islands.	18	137,589 93,592	9,849 10,236 48,105	3 20 18 1	11,974 102,194 91,985 6,196	13,658 148,363 143,527 13,142
Australasia Far East Egypt and South America Africa and South America Asia ad west coast Canada	5	31,533		4 3 2 2 1	34,994 17,202 7,535 4,077 1,877	27,428 19,438 14,798 7,330 1,410
Around the world Foreign vessels in ballast (United States intercoastal). Total	1	7,319 5,934 1,217,570	988,773	$\frac{1}{216}$	6,306 898,854	4,226 1,372,403

Origin and Destination of Cargo by Major Areas, December 1939

The following table summarizes the origin of cargo passing through the Canal in December 1939, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

	Tons of cargo destined for—						
Origin	United States	Other North America	Asia	South America	Austral- asia	Total	
North America: United States Other North America Europe Miscellaneous	244,507 9,962 12,084 6,083	27,040 4,557 7,220 6	383,893 12,014 27,366 6,738	40,277 72,891 44,221 703	59,315 9,011 20,885	755,032 108,435 111,776 13,530	
Total	272,636	38,823	430,011	158,092	89,211	988,773	

PACIFIC TO ATLANTIC

Origin	United States	Other North America	Europe	Miscel- laneous	Total
North America: United States. Canada Other North America. South America Australasia Asia	354,086 10,320 34,578 274,514 17,885 152,380	66,214 3,275 2,134 27,155 7,991 21,630	62,701 101,204 15,209 142,723 27,428 12,880	10,475 939 25,004	493,476 115,738 51,921 469,396 53,304 188,568
Total	843,763	128,399	362,145	38,096	1,372,403

Principal Commodities

Commodities which aggregated 10,000 or more tons either during December 1939, or in December 1938, are listed below:

C	Decei	mber	Commodity	December		
Commodity	1939 1938		Commodity	1939	1938	
Atlantic to Pacific Automobiles and parts Canned food products. Cement. Chemicals Coal and coke. Cotton, raw. Iron and steel Machinery. Metals, various Oils, mineral Paper Phosphates Scrap metal Sulphur Tinplate. Wood pulp	9,142 6,970 7,980 13,346 47,450 38,664 168,627 25,596 147,559 24,250 28,675 99,782 256,435 23,590 16,825	24,006 12,226 12,238 10,461 9,270 30,032 128,168 13,208 25,730 83,008 33,004 27,887 142,442 29,799 30,561 5,357	Pacific to Atlantic—Continued Coffee Cold storage (food products) 6 Flour. Fruit, dried. Fruit, fresh 7. Lumber Metals, various. Molasses and syrups. Nitrates. Oats. Oils, mineral. Oils, vegetable. Ores. Paper. Phosphates. Potash. Rice.	19,591 25,971 14,417 11,109 19,416 216,141 52,039 21,987 127,800 2,812 210,719 34,439 215,603 16,470	14, 29° 31, 844 9, 45° 29, 866 35, 588 250, 793° 59, 99 18, 72- 102, 781 15, 788 255, 000 17, 47 184, 816 15, 344 5, 10	
Pacific to Atlantic			Rubber, raw	32,158 - 69,180	57,59	
Beans, edible, dry	3,744 66,184	11,595 92,142	Sugar Wheat Wood pulp	15,880 25,324	162,09 19,27	

⁶ Except fresh fruit. ⁷ Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of December 1939, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds.

a		States coastal	routes i	all trade neluding ercoastal
${f Commodity}$	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts Agricultural implements	1,933	2	4,078	262
Alfalfa meal. Ammonium compounds. Animal foods ⁸ Apparel, wearing (hats, shoes, clothing, etc.).	52 41	132	6,106 41	223
Apparel, wearing (hats, shoes, clothing, etc.)	691 198	7	2,393 6,723	33 9 80
Automobiles (and autotrucks) Automobile parts and accessories Bags and bagging, textile	977 596 211	6 42	5,434 3,708 1,320	15 42
Bamboo and products. Bananas. Barks, miscellaneons.				434 4,915 180
Barley . Beans, edible, dry	136	63 2,572	108 169	6,948 3,744
Beer Beverages, nonalcoholic Blood and tankage	108 91		554 91 161	362
Bones and bone meal. Books and printed matter.		89	258 76	89
Borax Bran and pollards Bricks and tile	482	530 1,604	3S8 4 1,414	5,785 4,195 231 232
Camphor, crude Canned and preserved goods: Fish	379	6,290	551	23,391
Fruit Meat Milk	456	9,812 68 326	468 460 286	31,419 460 1,039
Soup. Vegetables Miscellaneous and unclassified.	2,859 523 1,137	4,496 3,930	2,865 580 1,760	4,607 5,268
Carbon black Celite Cement	38	33 5 90	7,980	169 335 90
Chalk Charcoal Chemicals ⁶	12 4,995	1,109	87 104 13,346	66 2,345
Clay, china and fire Clay, filtering Coal	1,300 31 738	275	1,489 31 30,226	420 15 61
Cocon and casao beans Coconuts and products ⁸ . Coffee	281 331 1,921	1,249 83	729 381 6,769	678 4,015 19,591
Coke. Cold storage and refrigerated products: Dairy products.	682	27 261	17,224 165	32 15,065
Eggs. Fish Lard	61 58	26	79 161	202 744 96
Meats Poultry		1,190	14	7,668 1,190
Vegetables Other and unclassified Confectionery	494 1,082	45	515 1,090	998 8 2
Copra Copra meal and cake Corn	892	140	1,167	4,892 719
Cotton, raw. Creosote Drugs and medicines.	198	25	38,664 164 2,465	7,657
Dugs Sau meutines Dyes Earthenware Eggs, dried		220	572 SS	222 117 50
Electrical apparatus and appliances. Enamel and metalware.	1,733 653	78	3,000 1,541	303 524
Explosives. Extract, quebracho. Fertilizers ⁸ Fish, salted or dry-cured.	1,200	36	366 2,793 2,054	1,145
Fish meal. Floor coverings.	1,685	722	1,820	6,374 795
Flour Fruit, dried Fruit, fresh ⁸ Furniture and household goods	30 263 418	8,529 5,073 1,087 32	494 305 792 427	14,417 11,109 19,416 40
Furniture and household goods	12,103	1,587	47,258 3,631	9,599

⁸ Except as otherwise classified.

Grand Pier		l States oastal	routes in	all trade acluding creoastal
Commodity	Atlantic to Pacific	Pacific to Atlantic	Atlantie to Pacific	Pacific to Atlantic
ilue	102		102	1
rains ⁸ . Froceries	1,352	344	290 1,769	32 8t
iums Iair, all kinds		18	4	30
tar, an kinds lay Iemp, unmanufactured	199	51 238	199	41 23
Iemp, unmanufactured Ioney	219	369 200	219	8,12 29
lops Iorns and hoofs		200		11
forns and hoots	62	335	62	88
nfusorial earth	02 015	219		2
pipe, ete.). vory nuts. ute, unmanufactured.	93,915	219	168,627	1,66
ute, unmanufaeturedard substitute	68 588	45	349 588	4
i m e	23		65	
iquorsumber (including manufactured mill products)	2,550 2,198	448 133,658	4,476 3,085	216,14
lachinery	3,127	275	25,596 30	41
1alt Ianufaetured goods ⁸	16,506	480	33,046	3,0
1arble and granite	100 235	175	430 415	·····i
1etals: Antimony				
Copper. Gold and silver.	838	3,517	16,611	$\frac{2}{25,7}$
Gold and silver Iron	1,358		8,940	
Lead		180	8,069	12,9
TinZinc	4,337 202		5,094 2,791	6,6 6,1
Zinc Other and unclassified.	830	12	1,762	1
lilk, powdered Iolasses and syrups	362	137 7,475	13 815	21,9
litrate luts, edible (including meats)	1,727	62	3,820 53	127,80
lats	48	167	51	2,8
ils, mineral: Crude	24	15,970	12,004	45,7
Gas and fuel. Gasoline, benzine, and naphtha.	3	41,600 35,822	62,084	70,55 55,9
herosene	22		35,487 2,799	37,6
Lubricating and greases. Other and unclassified	9,134	226	35,005 180	4:
ils, vegetable:			100	
Coconut. Cottonseed.			99	17,2
Linseed. Olive.	15 59		57 214	
Peanut			214	2,2
Rapeseed. Teaseed.				1,6
Wood. Other and unclassified.	99	72	99	4.9
il, fish ilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	206 138	622	263 203	8,2
bilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)bilseed cake and meal	1,677		2,122 1,756	$_{5,2}^{9}$
res:	1,0,,	4.5		
Antimony Chrome		147	3	$\frac{2,0}{9,0}$
Copper			7,997	4,9 1,8
Iron				161,3
Lead		44		5,6
Manganese		1,188	596	13,2
Tin Zine Other and unclassified	21		24	9,4 4,6
Other and unclassified	19 1,619	76 101	4,729 2,370	3,4
aper and paper products 8	9,875	6,138	24,250	16,4
eanuts. eas, dry	85		* 85	1 3
eatmoss. hosphates	24 314		39 28,675	
laster			188	
orcelainwareorash	201 128	12,112	797 4,216	2,2 12,1
yrethrum flowers	120	12,112	4,210	12,1

Commodity		States oastal	Total for routes in U. S. int	
Commonly	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rags and waste	530	34	905 6,243	783
Rice	849	240	1,528	22,746
Rope and twine.	476	71	476	415
Rosin	1,022	13	2,459	13
Rubber:			1	
Manufactured	782	407	1,648	726
Raw				32,158
Scrap. Salt	193	1 490	1,342	1 400
Sand	671	1,426	$\frac{3,446}{1,491}$	1,426 1,540
Scrap metal	241	68	99,782	1,430
Seeds (except oilseeds)	34	340	167	1.162
Shells, all kinds	434		468	165
Silk, raw		139	92	2,118
Skins and hides		777	1,433	5,861
Slate	1,568	104	1,568	370
Soaps and products	1,822	184	1,891	370
Soda ash	70		70	990
Soda caustic	182		1,067	550
Miscellaneous and unclassified	773	74	2,192	74
Soy beans	3,149		3,149	380
Spices	56		133	2,715
Sugar		13,283	5	69,180
Sulphur Talc	22,552	45	56,435	45
Tallow.	75	79	34 183	- 654 4,358
Tea	104	43	110	2,743
Textiles 9.	2,270	70	6.382	4.487
Tinplate	4,609	22	23,590	22
Tobacco and manufactures	99	932	8,646	1,721
Toilet preparations	89	145	149	370
Turpentine.			97	
Vegetables, dry 8	1.77	152	197	1.081
Wall board Wax, paraffin	157 421	3	1,053	1,081
Wheat	721	35	1,000	15,880
Wines	255	1,204	696	1,531
Wood pulp	5	18,756	16,825	25,324
Wool	48	446	141	4,282
Total, December 1939.	244,507	354,086	988,773	1,372,403
Total, December 1938.	210,093	334,212	833,043	1,541,352
Total, December 1937.	184,489	276,325	674,223	1,371,947

⁸ Except as otherwise classified.

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of December 1939:

		Atlantic to Pa	cific		Pacific to Atla	ntic
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	5	28,159		10	54,102	10100,894
Philippine Islands	1	7,253	11,251	2	4,664	118,220
Central America/Mexico and: South America Far East	1	1,913 6,347	3,725 11,883			
West Indics and: United States		0,541	,	5	28,954	58,553
Central America/Mexico				i	6,264	
South America Europe and:	5	25,488	50,517	1	2,355	416
United States South America	2 4	12,953 25,637	10,500	5	31,324	58,138
Hawaiian Islands				1	6,196	1213,142
Total	19	107,750	87,876	25	133,859	239,363

¹⁰ Includes 7,443 tons of molasses. ¹¹ Coconut oil. ¹² Molasses.

⁹ Cotton, silk, wool, rayon goods.

Comparison of Canal Traffic in December 1939, with December Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

]	Month of Dece	mber		Averag	e per month fo	r fiscal year
Calendar year	No. of transits	Panama Canal net tonnage	Tons of eargo	Fiscal year	No. of transits	Panama Canal net tonnage	Tons of cargo
1914	13 98 14 5 144 147 162 254	(600 omitted) 316 7 432 446 493 857	(000 omitted) 453 12 540 563 630 924	1915. 1916. 1917. 1918. 1919. 1920.	15 100 60 145 165 162 199	(000 omitted) 15 334 184 447 506 472 659	(000 omitted) 15 466 258 588 627 576 781
1920 1921 1922 1923 1924 1925	257 234 299 500 403 458	950 941 1,272 2,327 1,840 2,088	1,077 952 1,535 2,495 2,266 2,358	1921 1922 1923 1924 1925 1926	232 222 325 429 382 424	879 880 1,434 2,016 1,761 1,909 2,020	$\begin{array}{c} 966 \\ 907 \\ 1,631 \\ 2,249 \\ 1,996 \\ 2,169 \\ 2,311 \end{array}$
1926 1927 1928 1929 1930 1931	436 567 569 510 483 383	1,973 2,419 2,495 2,356 2,287 1,881	2,308 2,572 2,713 2,523 2,165 1,649	1927 1928 1929 1930 1931	441 521 524 502 447 364	2,269 2,299 2,310 2,140 1,820	2,468 2,554 2,502 2,089 1,650
1932 1933 1934 1935 1936 1937 1938	384 476 443 459 341 439 509	1,922 2,421 2,156 2,294 1,532 2,070 2,336	1,620 2,191 2,089 2,188 1,538 2,046 2,374	1933 1934 1935 1936 1937 1938	347 436 432 449 467 460 492	1,758 2,201 2,143 2,160 2,239 2,163 2,264	1,513 2,059 2,109 2,209 2,507 2,282 2,322
1939	489	2,116	2,361	Cal. year 1939	494	2,260	2,423

¹³ Canal opened August 15, 1914. fiscal year ended June 30, 1915.

Terminal Activities

Ships repaired during the month of December 1939 numbered 76. Vessels released from drydock numbered 14. Fuel oil amounting to 402,675 barrels was delivered as bunkers to 180 commercial ships. Bunker coal amounting to 4,606 tons was delivered to 22 commercial ships. Sales of commissary supplies to ships aggregated \$54,453.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving. tons. Local cargo shipped tons. Cargo received for transshipment tons. Cargo transshipped tons. "Canal Zone for Orders" cargo: Number of receipts issued. Tons received. Tons received. Tons withdrawn	62,679 8 42	16,635 1,023 1,214 748 4 6 6 63 4	65,250 3,499 62,613 63,427 12 48 175 81

All Vessels Entering and Clearing Port

		Port of Cris	tobal	Port of Balboa			
	No.	Registered	Registered	No.	Registered	Registered	
	of	gross	net	of	gross	net	
	ships	tonnage	tonnage	ships	tonnage	tonnage	
Ships entering All vessels, including those transiting Canal. Vessels entering port but not transiting Canal. Vessels transiting Canal and handling passengers and cargo at terminal ports.	577	3,156,181	1,872,905	538	2,896,420	1,733,651	
	61	299,156	157,428	18	62,434	37,757	
	134	684,175	396,447	78	516,212	289,420	
Ships clearing All vessels, including those transiting Canal Vessels clearing port but not transiting Canal Vessels transiting Canal and handling passengers and cargo at terminal ports	573	3,166,225	1,878,490	537	2,907,049	1,741,364	
	63	320,083	168,967	15	53,072	31,333	
	130	679,916	394,090	80	531,562	299,512	

¹⁴ Canal closed part of month due to slides.

¹⁵ Average for 10½ months of

Cardo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month of December 1939. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTORAL

Nemours, 144, 0

Benj. Franklin, 73, 200

Tai Yang, 1,243, 1

San Mateo, 30, 83

Manto, 595, 670

Crii-Taketoyo Maru, 291, Oremar, 609, 0 91 Niel Maersk, 344, 716 Minerva, 0, 28 Chester Valley, 2,678, Ino, 496, 176 364 American Press, 1,384, Nuevo Panama, 149, 511 Kagu Maru, 481. 0 Akagi Maru, 287, 0 Commissaire Ramel. Canadian Reefer, 0, 2 364 Arminda, 571, 50 Musa, 1,724, 390 Ancon, 6,475, 787 Doros, 0, 151 Paula, 0, 1 Westralia, 0, 3 Talamanca, 0, 362 Sambu, 0, 72 St. Mihiel, 402, 128 15, 92 Manto, 595, 670 Crijnssen, 29, 861 John Bakke, 2, 1,150 Sanuki Maru, 106, 2 Panama, 5,556, 517 Veragua, 168, 1,368 LauraMaersk, 458, 357 Pereira, 1,269, 954 Pygmalion, 1,299, 727 St. Milnel, 402, 128 Douro, 534, 347 San Diego, 0, 129 Nero, 552, 0 Colombia, 1,749, 524 San Pablo, 7, 786 Kaikoura, 112, 0 Douro, 12, 341 Kinai Maru, 429, 0 Pereira, 1,255, 429 Hunter Liggett, 23, 0 Cacapa, 2,056, 348
City of Elwood, 868, 0
Salvador, 0, 182
Titania, 528, 0
Elisabeth Bakke, 1, 0 Nero, 576, 557 Loreto, 10, 0 Forbes Hauptman, 0, Nebraskan, 9, 0
Santa Rita, 487, 186
City of Los Angeles,
443, 0 Draco, 439, 0 Socrates, 4, 1,959 661 Jamaica, 545, 922 Copiapo, 3, 1 Santa Marta, 1,265,186 Olancho, 803, 120 Olancho, 803, 120 Amapala, 572, 264 Nemours, 0, 8 Cristobal, 5,463, 52 Pericles, 18, 3,196 Real, 0, 59 Chiriqui, 248, 1,412 Santa Barbara, 435, 3 San Vincente, 818, 24 Santa Elena, 165, 419 San Vincente, 818, 24 Santa Elena, 165, 419 Copiapo, 3, 1 Flevo, 173, 11 Ludington, 433, 244 Kinugasa Maru, 658, 12 Plato, 46, 44 Wisconsin, 0, 269 Komaki Maru, 0, 1 Thurland Castle, 0, 22 Cefalu, 431, 511 Cristobal, 5,192, 454 Acajutla, 129, 0 City of San Francisco, Santa Maria, 357, 20 Wyoming, 211, 55 Laguna, 18, 200 Platano, 2,514, 0 Quirigua, 170, 1,012 Olancho, 714, 177 Gorbolt, 265, 8 University of the company of th Manto, 428, 473 San Angelo, 866, 0 Nuevo Panama, 237, 0 Nuevo Panama, 201, 0 Olancho, 0, 429 Acajutla, 1, 482 Cacique, 155, 993 Manto, 400, 471 Colombia, 1,361, 1,252 Nero, 529, 357 Santa Barbara, 435, 3 City of Baltimore, 9, 0 Sixaola, 1,349, 88 Nemours, 214, 0 Colombia, 1,369, 935 Uruguay, 368, 473 Douro, 512, 0 Vibran, 468, 34 Dramatist, 405, 0 Goyo Maru, 364, 0 Barge No. 205, 0, 28 Barge No. 15, 0, 12 La Plata Maru, 1, 1 Tiberius, 1, 0 Tasmania, 0, 17 Tasmania, 0, 17 Aconcagna, 197, 933 Doros, 12, 1,215 Daros, 12, 1,215 Talamaca, 221, 188 Santa Paula, 495, 329 Kysuyu Maru, 392, 0 Contessa, 642, 390 Maui, 425, 0 Yamakaze Maru, 521, 20 Sorhott, 265, 8 Colombia, 1,019, 1,239 Helder, 340, 5,040 Draco, 0, 467 Telde, 52, 164 Grotava, 818, 1,007 Imperial, 671, 172 Cacique, 1,078, 25 Tudor Star, 52, 0 345 Cuango, 0, 5 Istmo, 695, 0 Colombia, 349, 615 Platano, 2,569, 49 Draco, 0, 467 Telde, 52, 164 Cacique, 1,078, 25 Tudor Star, 52, 0 Nemours, 0, 66 Santa Inez, 468, 17 Chiriqui, 295, 357 Lagarto, 1, 942 Ulua, 1,845, 107 Nero, 0, 304 San Lucia, 502, 52 Erria, 1, 0 Santa Maria, 245, 74 Tiberius, 1, 0 Nero, Ø, 304
Mauna Kea, 95, 0
Svealand, 0, 1
Ino, 0, 77
Dourro, 420, 481
Nuevo Panama, 27, 156
Strool, 77
Pyro, 314, 0
Nako Maru, 1,044, 9
Choluteca, 0, 1,033
Colombia Star, 1, 0
Santa Rita 452 2
Canadian Star, 20
Canadian Star, 20
Canadian Star, 20
Canadian Star, 20
Canadian Star, 20 Alamar, 869, 0 Santa Rosa, 459, 451 Real, 0, 58 Hercules, 1, 0 Santa Rosa, 459, 451 Kanto Maru, 451, 583 Notos, 1,303, 1 Amapala, 934, 164 Modjokerto, 96, 0 Indianan, 581, 230 City of Norfolk, 8, 0 Torrens, 1, 0 Barge No. 15, 0, 64 Barge, M. E. Div., 0,10 Husimi Maru, 0, 1 Panama, 5,872, 289 Nemours, 69, 0 Hollywood, 0, 1,172 Telde, 787, 979 Bocas del Toro, 9, 0 Arkansan, 6, 0 Sona, 0, 47 Sona, 0, 16 Nicarao, 538, 40 Santa Clara, 248, 22 Leme, 2,477, 0 Salvador, 224, 0 Draco, 412, 387 Santa Rita, 458, 2 Canadian Star, 20, 0 Siranger, 14, 253

BALBOA Tai Yang, 178, 0 St. Mihiel, 661, 491 Laura Maersk, 369, 0 Chateau Thierry, 23, 0 City of Los Angeles, Kinugasa Maru, 1, 0 Abbeydale, 0, 1 152, 1 Piako, 0, 1 Mosfruit, 2, 0 Santa Rita, 323, 17 Canadian Reefer, 308 Colombia, 1, 0 John Bakke, 0, 89 Castel Bianco, 0, 60 Salvador, 0, 1 Colombia, 0, 1 Leme, 0, 1 Santa Maria, 9, 5 West Cape, 2,154, 0 City of Norfolk, 0, 4 Colombia, 0, 3 Pericles, 0, 1 Pericles, 0, 1
Santa Barbara, 224, 38
Esso Panama, 254, 5
City of San Francisco,
1, 5
British Colombia Express, 361, 27
Acajutla, 4, 0
City of Newport News, Colombia, 0, 3 Agustus, 0, 1 Erria, 1, 0 Ciss, 0, 35 Santa Maria, 282, 23 Tamaroa, 16, 0 Niel Maersk, 137, 0 Elizabeth Bakke, 1, 0 Santa Inez, 217, 20 Pereira, 0, 5 Imperial, 0, 4 Colombia, 0, 1 Salvador, 6, 0 Colombia, 2, 0 Kagu Maru, 2, 0 Wichita, 425, 425 Atutasan Maru, 2, 0 114, 0 Santa Clara, 151, 31 Pereira, 0, 159 Margrethe Bakke, 57, 0 Condor, 139, 0 Deroche, 13, 0

Piako, 0, 1 Canadian Reefer, 308,0 Ludington, 3,343, 161 President Polk, 4, 3 Express, Washington 1,147, 1 Komaki Maru, 0, 1 Copiapo, 3, 0 Grant, 50, 106 Abraham Lincoln, 577, Husimi Maru, 0, 1 Maui, 202, 0 Acajutla, 0, 1 Orazio, 1, 0 Tatsuno Maru, 280, 0

Aconcagua, 0, 2 Santa Lucia, 11, 2 Tatuno Maru, 1, 0 Oregon Express, 648, 0 City of Baltimore, 21, California Express,561, Orotavia, 1, 0 Colombia, 0, 1 Hunter Liggett, 167, 13 Santa Barbara, 14, 2 Eureka, 4,101, 0 La Plata Maru, 22, 2 Ino. 0. 1 Colombia, 1, 0 City of Baltimore, 1, 0

Note.—Figures shown represent short tons of 2,000 pounds.

Passengers

Santa Rita, 97, 0

During December 1939, ocean-ship passengers debarking at Cristobal numbered 2,605, embarking 1,572; at Balboa, 923 debarking and 718 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 2,091, from the Pacific to the Atlantic, 1,758. Commercial aircraft numbering 62 entered Cristobal with 374 passengers debarking; clearances were 65 with 371 passengers embarking. Balboa entries of aircraft numbered 52, with 157 passengers debarking; clearances were 52, with 121 passengers embarking.

Movements of Ocean Vessels Through the Panama Canal From midnisht December 10, 1939, to midnight January 10, 1940

ATLANTIC TO PACIFIC									
OL:	Date arrived	Date cleared	Nation			Port	Cargo	0	
Ship	Date	Date	ality	(Charterer or operator)	From-	For—	Nature	Long tons	
Chilore	9 10	11 11	Amer. Brit	Ore S. S. Corp Ropner Shipping Co.	Baltimore, Md. Manchester, Eng	Cruz Gr'de, Chil Balboa, C. Z. 14	Ballast		
Tai Ping Yang 2	11	11	Nor	. Barber Line	Baltimore, Md. Glasgow, Scot	Shanghai, China	Ballast General	6,613	
Salacia ² Karmt ²	11 11	12	Brit Nor	. DonaldsonBros.,Black Chile Nit. Sales Corp.	.l Pensacola Fla	Vancouver, B. C. Antof gasta, Chile	General	1,598	
Grena ¹ . Santa Inez ²	11	12	Nor	. Standard Oil of N. Y.	Goth'burg, Swed	Los Angeles, Cal	. Ballast		
Point Bonita	10 11	12 13	Amer.	. Grace Line	Goth'burg, Swed New York, N. Y Houston, Tex Cristobal, C. Z.	Chanaral, Chile.	. General	+2.225	
Porto Bello 3	11	11	Pan	. A. Tagaropulos	Cristobal, C. Z.	Scattle, Wash Real, R. P	General	6,335	
President Polk Orville Harden 1 2	12 10	12	Amer. Pan	Amer. President Line. Standard Oil of N. J	Boston, Mass	I Kound the world	. [(ieneral	4,421	
Pyro ¹³ Saury ⁷ Komaki Maru ²	11	14	Amer.	U. S. Navy	Boston, Mass Aruba, N. W. I. Norfolk, Va	Tocopilla, Chile. Puget Sd., Wash. Balboa, C. Z.	Stores	17,155 4,058	
Komaki Maru 2	11 12	13 12			U. S. port. New York, N. Y.	Balboa, C. Z	Ballast		
Nuevo Panama ² .	10	12	Pan	Elliot Ship. & Land Co.	Manaure Colom	Yokohama, Japan B'ventura, Col	Steel, cotton General	102	
Alamar West Madaket	11 11	12 12			Baltimore, Md	Seattle, Wash Seattle, Wash	Steel, gen	7,588	
Intto	12	13	Amer		New York, N. Y.	Seattle, Wash Talcahuano, Chile	Steel, gen General	1 4.455	
Istmo	6	13 13	Colom.	Colombiana Cabotaje.	Cristobal, C. Z.	B'ventura, Col	General	800	
Mussolim 2	11		Pan Pan	Elliot Ship. & Land Co. H. Obarrio		Pto. Arm'les, R.P.	General Ballast	71	
Istmo. Sambu ² . Mussolim ² Ebba ² Port Hardy.	10 12	13	Pan	H. Obarrio	Cristobal, C. Z. Cristobal, C. Z. London, England	Balboa, C. Z Balboa, C. Z	Ballast		
Hoegh Merchant 2	13	13	Brit Nor	Leif Hoegh	Boca Grande, Fla	N. Plym'th, N. Z.	Gen., oranges Phos. rock	5,705 7,795	
Norfolk	13	14	Brit	FederalSteamNav.Co.	Newport, Eng	Japan Bluff, N. Z. Vancouver, B. C. Vancouver, B. C.	General	6,363	
Bradglen	13 13	14 13	Brit Brit	W. R. Smith & Sons. Ministry of Shipping.	Manchester, Eng.	Vancouver, B. C.	Ballast		
	13	14	Amer	AmerHawaiian Line.	Boston, Mass	Portland, Oreg	Ballast General	2,522	
Real ² . Pirre ² . Rancagua ¹ . Santa Clara	12 12		Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z.	Portland, Oreg Balboa, C. Z Balboa, C. Z Balboa, C. Z	Ballast		
Pirre 2	12		Pan	Elliot Ship. & Land Co. Chilean Government.	Cristobal, C. Z	Balboa, C. Z	Ballast		
	13 13	14	Chile Amer.	Chilean Government. Grace Line	Tampico, Mex	Valparaiso, Chile. Valparaiso, Chile.	Fuel oil	3,725	
Tasmania 2	13	14	Dan	S. S. Orient	Immingham, Eng. Boston, Mass. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Tampico, Mex. New York, N. Y. Texas City, Tex. New Orleans, Lo.	Yokohama, Japan	Scrap rails	3,415 7,468 9,379	
	14 14	14 14	Amer.	Lykes Brothers Co Chile Nit. Sales Corp.	New Orleans, La. New Orleans, La.	Kohsichang, Siam		9,379	
Lena Luckenhach	14 10	14	Amer.	Luckenbach Line	Tampa, Fla	Tocopilla, Chile Tacoma, Wash Gatun, C. Z Tocopilla, Chile	Ballast General	6,311	
	15	15	Amer	U. S. Army Pacific Steam Nav. Co	Tampa, Fla Cristobal, C. Z. Liverpool. Eng.	Gatun, C. Z	Tow. barge		
Abheydale 1 2 City of Dunkirk	15 15	15 15	Brit	British Admiralty	Falmouth, Eng. New York, N. Y.	High seas Adelaide, Aust		10,000	
Langleegorse	12	17	Brit	Ellerman & Bucknall. F. Carrick & Co	Cardiff, Wales	Vancouver, B. C.	General Ballast	4,784	
Husimi Marii	14 15	15 16	Jap Amer	Nippon Yusen Kaisha Chile Nit. Sales Corp.	Cardiff, Wales London, England	Yokohama.Japan	(18)	4,577	
C . TT 34			Amer.	U. S. Army	Baltimore, Md Cristobal, C. Z	Antof'gasta, Chile Balboa, C. Z	Ballast Ballast		
Leme 2	13	16	Ital	Italia Line	Twicate Itely			0.045	
Acamula	5	16	Brit	Pacific Steam Nav. Co	Trieste, Italy Cristobal. C. Z	Vancouver, B. C. Champ'ico, Guat.	Gen., cement General	629	
Sinaloa	15 15	16 16	Hond.	United Fruit Co Mitsui Senpakubu	New Orleans, La. New York, N. Y.	Golfito, C. R	R.R.material	2,150	
Harry Luckenbach	15	16	Amer	Luckenbach Line	Boston, Mass	Osaka, Japan Tacoma, Wash Shanghai, China.	Gasoline, gen General	3.175	
Fernwood 2	15 16	16 17	Nor	States Marine Corp Fearnley & Eger	New Orleans, La.1	Shanghai, China. Yarraville, Aust.	Cotton	5,200	
Chateau Thierry 8	16	17	Amer		Galveston, Tex Brooklyn, N. Y	Balboa, C. Z.14	Sulphur General	7,558 725	
G. S. Livanos	16 16 .	17	Greek.	Chile Nit. Sales Corp. Elliot Ship. & Land Co.	Pt. Talbott, Eng.	Chile	Ballast		
Fortuna 3	16		Pan	E. J. Hooper	Pt. Talbott, Eng. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Chile Balboa, C. Z Gatun, C. Z. ¹⁵ Balboa, C. Z.	Danast	20	
Manto 2	14	17	Amer	U. S. Navy Royal Neth S. S. Co.	Cristobal, C. Z.	Balboa, C. Z Guayaquil, Ecua.	Ballast General	438	
M-14 5. Manto 2. 1 Cacique. 1		17	Amer	Grace Line	Barranquilla, Col.	Callao, Peru	Gen., gas ine	1,189	
Mokihana	16	17	Amer	AmerHawaiian Line. Isthmian S. S. Lines.	Bridgeport, Conn. Baltimore, Md	Taeoma, Wash Singapore, St. Set.	General	4,007	
Anna Maersk 2 1	16	17	Dan	A. P. Moller	Boston, Mass	Iloilo, P. I	General	9,560 6,298 8,000	
Tosan Maru 2 1	16	17	Amer	Freeport Sulphur Co. Osaka Syosen Kaisva.	New Orleans, La. Boston, Mass	Los Angeles, Cal. Kobe, Japan	Sulphur	$8,000 \\ 7,129$	
Ceres 2 1	[3]	17	Neth	Osaka Syosen Kaisya. Royal Neth. S. S. Co.	Amsterdam, Neth Manchester, Eng.	Corral, Chile Seattle, Wash	Gen., gas'ine General	2,740	
Beignon 2 1	6	17	Dan Brit	J. Lauritzen Morel Line	Sunderland, Eng.	Vancouver B. C.	Ballast		
Calmar	7	17	Amer.	Calmar Line	Baltimore, Md	Vancouver, B. C. Seattle, Wash	Steel, gen	7,624	
Colombia 2 1	5		Amer	Chile Exploration Co. Elliot Ship. & Land Co.	New York, N. Y.	Chanaral, Chile B'ventura, Col	General	$\frac{716}{1,200}$	
Sundance 1 Castelbianco 1		17 .	Amer	Chile Nit. Sales Corp. Chile Nit. Sales Corp.	Savannah, Ga	Chile	Ballast		
Real 2 1			Pan	Elliot Ship. & Land Co.	Daitimore, Mu	Chile	Ballast	28	

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ⁷ Submarine. ⁸ Transport. ¹¹ Mine planter. ¹³ Auxiliary. ¹⁴ For orders. ¹⁵ For bananas and return to Cristobal. ¹⁶ Fuel and Diesel oil. ¹⁷ Case oil, cotton. ¹⁸ Steel bar and copper.

	ATLANTIC TO PACIFIC—Continued											
	rrived	leared	Nation-	Line	Po	rt	Cargo					
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons				
Iberville	17	18	Amer	Murray Shipping Co.	Mobile, Ala	Shanghai, China.	General	7,813				
Nero ² Lafayette	15 17	18	Neth Amer	Royal Neth. S. S. Co. Murray Shipping Co.	Cristobal, C. Z Mobile, Ala	B'ventura, Col Osaka, Japan	General	188 8,718				
Elisavet	18	19	Greek.	Chile Nit. Sales Corp. Italia Line Sud. Amer. de Vap.	Roltimore Md	Iquique, Chile	Rallast.	982				
Augustus 2	17	18	Ital	Italia Line	Genoa, Italy	Valparaiso, Chile.	General	982				
Elisavet. Augustus ² . Aconcagua ² . Ebba ² .	16 15	18 18	Chile Pan	H. Obarrio	Genoa, Italy. New York, N. Y. Cristobal, C. Z. Cristobal, C. Z.	Valparaiso, Chile. Valparaiso, Chile. Balboa, C. Z Real, R. P. Balboa, C. Z Portland, Oreg Seattle, Wash Talara, Peru Talara, Peru	General Ballast	1,653				
Porto Bello 3	18	18	Pan	H. Obarrio A. Tagaropulos	Cristobal, C. Z.	Real, R. P	General	3				
Porto Bello ³ Sona ² San Bernardino	16	18	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast					
San Bernardino	17 19	19 19	Amer	Paefic-Atlantic S.S.Co Weyerhaeuser S. S. Co	Cristobal, C. Z. New York, N. Y. New York, N. Y.	Portland, Oreg	General	5,466 6,671				
HanleyFrimaire ¹	18	19	Fr	Transports Maritimes	Marseille, France	Talara, Peru	Ballast					
Talaralite 1	18	19	Brit	Imperial Oil Co	Marseille, France Aruba, N. W. I.		Gasoline	3,065				
Staghound Port Montreal ²	18 19	19 20	Amer Brit	Graee Line	Baltimore, Md Halifax, N. S	SanAntonio, Chile	General Machinery	5,845 6,510				
Ewa	19	20	Amer.	Matson Nav. Co	Raltimore Mid	Manila, P. I	(15)	8,255				
Ciss	16	20	Nor	Grace Line	Cristobal C Z	Sadamomo, Chie Sydney, Aust Manila, P. I Champ'ico, Guat. Balboa, C. Z Gatun, C. Z Brit. Columbia	General	869				
Mussolini 2	18 14	19	Pan Amer	H. Obarrio	Cristobal, C. Z.	Balboa, C. Z	Ballast					
Col. Riche 5 Harpagon	19	20	Brit	Ministry of Supply	Swansea, Wales.	Brit. Columbia.	Tow, barge. Ballast					
Lionel ² Akiura Maru ²	19	20	Nor	U. S. Army Ministry of Supply Waterman S. S. Co.	Cristobal, C. Z. Cristobal, C. Z. Swansea, Wales. Botwood, Nfld.	racoma, wash	Copper conc.	7,997				
Akiura Maru 2	20	$\frac{20}{20}$	Jap	Mitsubishi bhoji iz	New York, N. Y. Corpus Ch'ti, Tex.	Moji, Japan	(16) (17)	9,096				
Point Clear	$\frac{20}{20}$	20	Amer	Gulf-Pacific Line	Boston Mass.	Tacoma, Wash Portland, Oreg	General	6,105 2,745				
Wearpool 2	20	20	Brit	R, Ropner & Co	Boston, Mass Barry, England. New York, N. Y.	Vaneouver, B. C.	Ballast					
Carolinian. Wearpool ² Nosiro Maru ² Hoperidge ² George M, Em-	20	20	Jap	Nippon Yusen Kaisha	New York, N. Y.	Kobe Japan	(18)	7,888				
George M Em-	20 20	20 21	Brit Greek.	Ministry of Supply Duval Texas Sul. Co.	Manchester, Eng. Galveston, Tex.	Vancouver, B. C. New Zealand	Ballast Sulphur	8,797				
	20	21	GIECK.	Duvai Texas bui. Co.		THEW ZEGREBIG	Ditpide	0,131				
Cranford	20	21	Amer.	Chile Nit. Sales Corp.	New Orleans, La. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Iquique, Chile	Ballast					
Sambu 2	19 19	20 20	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast					
Pirre 2	19	20	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z Balboa, C. Z Balboa, C. Z	Ballast					
Sambu ² . Tuira ² . Pirre ² . Azuma Maru ² .	20	21	Jap	Nippon Yusen Kaisha	Rotterdam, Neth.	Muroran, Japan.	General	7,075				
Cueuta 13 King Neptune 2	21 21	21	Col Brit	Colombian Govt	Cartagena, Col	Balboa, C. Z	Drydoeking.					
Gabon 2	21	21	Nor	Dodd, Thomson Co. Isbrandtsen Moller Co	Manehester, Eng. New York, N. Y.	Brit. Columbia Vladivost'k, Rus.	Ballast General	7,418				
Gabon 2 West Cobalt	21	21	Amer.	Chile Nit. Sales Corp.	New York, N. Y.	Chile	Ballast General					
Santa Maria 2	21 21	22 23	Amer	Grace Line Chile Nit. Sales Corp.	New York, N. Y.	SanAntonio, Chile	General	3,297				
Fjeld Hollywood	21	22	Amer.	McCormick S. S. Co.	Norfolk, Va New York, N. Y.	Seattle, Wash	Ballast General	6,356				
Lillian Lucken-	22	22	Amer	Luckenbach Line	Boston, Mass	Chile Seattle, Wash Seattle, Wash	General	3,815				
baeh. San Pablo	22	99	Pan	United Fruit Co	Now Orleans La	Golfito, C. R	Rails, pipe	1,953				
Uranienborg	22	22 22	Dan	C. K. Hansen	New Orleans, La. New York, N. Y.	Mon Japan	Serap steel	5,600				
Siranger ² L-41 ⁶	21	22	Nor	Westfal, Larsen & Co.	Buenos Aires, Arg.	Seattle, Wash Balboa, C. Z Balboa, C. Z	General	5,807				
L-41 °	21 20		Amer	U. S. Army U. S. Navy	Cristobal, C. Z	Balboa, C. Z	Ballast					
Telde	21	23	Amer Hond.	United Fruit Co	Bocas, R. P New Orleans, La.	Acaiutla, Salv	Ballast General	1,651				
Telde	22	23	Brit	Bank Line, Ltd	Galveston, Tex New York, N. Y.	Acajutla, Salv. N. Plym'th, N. Z.	General	S 003				
Vargaguki Maru 2		23	Amer	Panama-Pacific Line . Yamashita Kisen K	New York, N. Y. Buenos Aires, Arg.	S. Francisco, Cal. Yokohama, Japan	General Gen., gas'ine	3,570 6,742 8,179 274				
Vinni 2	23	23 23	Jap Nor	S. Ditlev Simonsen	Baltimore, Md	Osaka, Japan	Steel gen.	8,179				
Vinni ²	21	23	Neth	Royal Neth. S. S. Co.	Baltimore, Md Cristobal, C. Z New York, N. Y. Baltimore, Md	Guavaguil, Ecua.	General	274				
Marna	23	23	ı Dan	J. Lauritzen. Isthmian S. S. Lines. Dir. of Sea Transport AmerHawaiian Line.	New York, N. Y.	Taleahuano, Chile	General Steel, gen	2,236 7,850				
Merenant Frince -	23 23	23 24	Brit	Dir. of Sea Transport	Barrow, England.	Scattle, Wash Brit. Columbia	Ballast					
Nebraskan	23 23	23 23	Amer.	AmerHawaiian Line.	Barrow, England. Boston, Mass Cristobal, C. Z Cristobal, C. Z Curaeao, N. W. I.	Seattle, Wash Balboa, C. Z	General	2,734				
Fortuna 3 Colombia 2	23	23	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z	B'ventura Col	Ballast General	1,200				
Douro 2	22 23	24 24	Neth .	Royal Neth, S. S. Co.	Curaeao, N. W. I.	B'ventura, Col Guayaquil, Ecua.	General	495				
Douro ²	23	24	Nor	Fern Line	Oslo, Norway	Yokohama, Japan	Cotton, gen.	7,807				
Cingalese Prince ²	24 24	24 24	Brit	Prince Line, Ltd	Oslo, Norway Newp't News, Va. Philadelphia, Pa.	Shanghai, China. Kobe, Japan	Tobacco	383				
Port Hunter	24	2.5	Brit.	Port Line, Ltd	London, England	Dunedin, N. Z	Gen., oranges	7,307 4,050				
Oremar	23	25	Amer.	Calmar Line	Baltimore, Md Marseille, France	Dunedin, N. Z Seattle, Wash	Steel, gen	8,137				
Commissaire Ramel.	23	25	Fr	Messageries Marit'es.	Marsellle, France	Noumea, N. Caled	Gen., cement	1,475				
Lebore	23	25	Amer.	Ore S. S. Corp	Baltimore, Md	Cruz Gr'de, Chile	Ballast					
Lebore Nuevo Panama ² .	22	25	Pan	Elliot Ship. & Land Co.	Crietobal C Z	B'ventura, Col	Ballast Barb wire	307				
Real ²	23 23		Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col Balboa, C. Z Balboa, C. Z	Ballast					
Uanadian Star 2	24	27	Brit	Blue Star Line	Cristobal, C. Z Cristobal, C. Z Liverpool, Eng	Vaneouver, B. C.	Barb wire Ballast Ballast Ballast Ballast					
Bon Secour 4	24	25	Brit		Sorrel, Canada	Seattle, Wash	Ballast (20)	8,283				
Volunteer El Mirlo 1 2	24 24	25 25	Amer.	Lykes Brothers Co	New Orleans, La. Birkenhead, Eng.	Shanghai, China. Lobitis, Peru	Ballast	8,283				
131 1411110	1 24	1 20	DIII	O. I. Downing & Co.	Dir Kenneau, Eng.	Loorene, I crit	. 20110000					

Tanker. ² Motor ship. ³ Motor sehooner. ⁴ Tug. ⁵ Launch. ⁹ Destroyer. ¹³ Training ship. ¹⁴ Serap steel, eotton. ¹⁵ General, coal, steel, etc. ¹⁶ Steel, lubricating oil. ¹⁷ Steel, pipe, general. ¹⁸ Lubricating oil, steel, machinery. ¹⁹ Scrap, tobacco, etc. ²⁰ Scrap iron, cotton.

Ship	ATLANTIC TO FACIFIC - Continued												
Set Mihiel		rrived	leared	Nation-		Po	ort	Cargo					
Jutinard 25 25 Brit. Scaboard Shipping Co Newscartle, Fug. Tacoma, Wast Coke. 4,000	Ship	Date a	Date cl	ality	(Charterer or operator)	From—	For—	Nature					
Jutinard 25 25 Brit. Scaboard Shipping Co Newscartle, Fug. Tacoma, Wast Coke. 4,000	St. Mihiel 8	25	26	Amer	U. S. Army		S. Francisco, Cal.		1,662				
Waiotira 23 25 25 25 25 25 25 25	Endicott	24	25 25		Lykes Brothers & Co.	Noveestle Eng	Tacoma Wash	Coke	4 000				
Waiotira 23 25 25 25 25 25 25 25	Ohioan	25			AmerHawaiian Line.	Baltimore, Ma	Seattle, Wash	General	4 534				
Barbos Jensen 2 2 25 25 25 25 25 26 27 27 28 28 29 29 29 29 29 29	Waiotira 2	25		Brit	Shaw, Savill & Albion	Glasgow, Scot	Lyttelton, N. Z. I	General	4,269				
Shaba 2	Loreto 2	25	26		Pacific Steam Nav. Co	New Orleans La	Colfito C R	General	1 873				
Toychashi Maru 29 29 3ap Nippon Yusen Raysha Norloik, Ya Nacourer, B. C. Balast	Ebba 2	25		Pan		Cristobal, C. Z.	Balboa, C. Z						
Toychashi Maru 29 29 3ap Nippon Yusen Raysha Norloik, Ya Nacourer, B. C. Balast	Willmoto 2	25		Amer	Arrow Line	Baltimore, Md	Scattle, Wash	General	2,519				
Argual 20 27 Swed New Jork 1.52 Amerikaland 20 27 Swed Ore 5. S. Corp. 1.52 Amerikaland 20 27 Swed Ore 5. S. Corp. 1.52 Amerikaland 20 27 Swed Ore 5. S. Corp. 1.52 Amerikaland 20 27 Swed Ore 5. S. Corp. 1.52 Amerikaland 20 27 Swed Ore 5. S. Corp. 1.52 Amerikaland 20 27 Swed Ore 5. S. Corp. 1.52 Amerikaland 20 27 Swed Ore 5. S. Corp. 1.52 Amerikaland 20 27 Swed Ore 5. S. Corp. 1.52 Amerikaland 20 27 Swed Ore 20 Swed Ore	Toyohashi Maru.	25		Jap	Nippon Yusen Kaisha	Norfolk, Va	Yokohama,Japan	Gas., coke	0,700				
Argual Amerikaland 2	Kirisima Marn 2.	25	26	Jap	Kolengai Line	New York, N. I.	Kobe, Japan	Gas., copper.	7,822				
Forbes Hauptman 5		26	27	Hond	United Fruit Co	New Orleans, La.	Pto, Arm'les, R.P.	Ballast					
Forbes Hauptman 5	Amerikaland 2	26 26	27		Ore S. S. Corp			Ballast					
Partic Belles 5 5 6 7 Amer. Lagaropulos C. Z. Read. R. P. General. 4, 34	Forbes Hauptman	25			McCormiek S. S. Co	New York, N. Y.	Seattle, Wash	Gen., steel	5,318				
Partic Belles 5 5 6 7 Amer. Lagaropulos C. Z. Read. R. P. General. 4, 34	Flying Cloud 5			Amer.	T. J. Williams	Cristobal, C. Z.	Gatun, C. Z	Ballast					
Norward 2 27 27 Nor Norward 2 28 Nor Isbrandtsen Moller Co Baltimore, Md. Ballast Tacoma, Wash Sulphur 7,602 Moscha L. Gou Isbrandtsen Moller Co Baltimore, Md. Ballast Tacoma, Wash Sulphur 7,602 Moscha L. Gou Isbrandtsen Moller Co Baltimore, Md. Ballast Ballast Ballast Tacoma, Wash Sulphur 7,602 Moscha L. Gou Robert Robe	Mussolini 2	26	26		A Tagaronulos	Cristobal, C. Z.	Real, R. P.	General	3				
Norward 2 27 27 Nor Norward 2 28 Nor Isbrandtsen Moller Co Baltimore, Md. Ballast Tacoma, Wash Sulphur 7,602 Moscha L. Gou Isbrandtsen Moller Co Baltimore, Md. Ballast Tacoma, Wash Sulphur 7,602 Moscha L. Gou Isbrandtsen Moller Co Baltimore, Md. Ballast Ballast Ballast Tacoma, Wash Sulphur 7,602 Moscha L. Gou Robert Robe	Hunter Liggett 8.	26			U. S. Army	New York, N. Y.	S. Francisco, Cal.	General	4,394				
Norward 2 27 27 Nor Norward 2 28 Nor Isbrandtsen Moller Co Baltimore, Md. Ballast Tacoma, Wash Sulphur 7,602 Moscha L. Gou Isbrandtsen Moller Co Baltimore, Md. Ballast Tacoma, Wash Sulphur 7,602 Moscha L. Gou Isbrandtsen Moller Co Baltimore, Md. Ballast Ballast Ballast Tacoma, Wash Sulphur 7,602 Moscha L. Gou Robert Robe	Fiddlers Green 6		97	Amer.	Edmund Kelly	Liverpool Eng	Ralboa, C. Z	Ballast					
Norward 2 27 27 Nor Norward 2 28 Nor Isbrandtsen Moller Co Baltimore, Md. Ballast Tacoma, Wash Sulphur 7,602 Moscha L. Gou Isbrandtsen Moller Co Baltimore, Md. Ballast Tacoma, Wash Sulphur 7,602 Moscha L. Gou Isbrandtsen Moller Co Baltimore, Md. Ballast Ballast Ballast Tacoma, Wash Sulphur 7,602 Moscha L. Gou Robert Robe	Pereira	24	27		Grace Line	Cristobal, C. Z.	Guayaguii, Leua.	General	432				
Norward 2 27 27 Nor Norward 2 28 Nor Isbrandtsen Moller Co Baltimore, Md. Ballast Tacoma, Wash Sulphur 7,602 Moscha L. Gou Isbrandtsen Moller Co Baltimore, Md. Ballast Tacoma, Wash Sulphur 7,602 Moscha L. Gou Isbrandtsen Moller Co Baltimore, Md. Ballast Ballast Ballast Tacoma, Wash Sulphur 7,602 Moscha L. Gou Robert Robe	Nero 2	24	27	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col	General	274				
	Germa		28 27	Nor	Iwai & Co		Moji, Japan	Ballast					
Sorvard 2	Herman F. Whiton	27	27	Amer	Union Sulphur Co	Galveston, Tex	Tacoma, Wash	Sulphur	7,602				
Indirect Company Com	Sorvard 2	27	28	Nor	Isbrandtsen Moller Co	Baltimore, Md	Chile	Ballast					
Torrens 27 27 8 Amer. Amer. Hawaiian Line. Oslo, Norway. Manilla, P. I. General. 7,767	Moscha L. Gou-	27	27	Greek.	Chile Nit. Sales Corp.	Tampa, Fla	Chile	Banast					
	Torrens 2	27	27			Oslo, Norway	Manila, P. I		7,767				
Mathew Lucken	Floridan	27	28		AmerHawaiian Line.	Boston, Mass	Portland, Oreg	General	2,420				
Mathew Lucken	Pirra 2	26		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast					
Mathew Lucken	Tuira 2	26		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	Balboa, C. Z	Ballast					
Mathew Lucken	Sambu 2	26	97	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	35				
Mathew Lucken	Heffron	27	28	Amer.	Weverhaeuser S.S. Co.	New York, N. Y.	Seattle, Wash	General	4,156				
Mathew Lucken	Ino 2	25	28	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z.	Gnavaguil, Ecua.	General	130				
Detail 2	Waimea	27	28 28		Chile Nit Sales Corp.	Gulfport, Miss	Chile	Ballast	1,240				
Detail 2	Mathew Lucken-	28			Luckenbach Line	Houston, Texas	Seattle, Wash	General	6,975				
Presson City 2 28 29 Brit	bach.	90	90	N	Harris Darlei V		_	Camon iron	6 994				
La Plata Maru 2, 27 29 Jap. Osaka Syosen Kaisya Captown, Africa Kobe, Japan Captown, Africa	Fresno City 2		28	Nor Brit	Mitsui Boshi	Tampa, Fla		Phosphate	8,520				
Bethore 26 29 Amer. Ore S. S. Corp. Norfolk, Va. Cruz Gr'de, Chile Ballast. Schumm 4 Rokos Vergottis. 27 29 Greek. Hassgawa Boeki K. Schumm 4 Rokos Vergottis. 27 29 Greek. Hassgawa Boeki K. Schumm 4 Rokos Vergottis. 27 29 Greek. Hassgawa Boeki K. Schumm 4 Rokos Vergottis. 27 29 Greek. Hassgawa Boeki K. Schumm 4 Rokos Vergottis. 27 29 Greek. Hassgawa Boeki K. Schumm 5 Rokomm 4 Rokos Vergottis. 27 29 Greek. Hassgawa Boeki K. Schumm 4 Rokos Vergottis. 27 29 Greek. Hassgawa Boeki K. Schumm 4 Rokos Vergottis. 27 29 Greek. Hassgawa Boeki K. Schumm 5 Rokomm 4 Rokos Vergottis. 27 29 Greek. Hassgawa Boeki K. Schumm 4 Rokos Vergottis. 27 29 Greek. Hassgawa Boeki K. Schumm 5 Rokomm 4 Rokos Vergottis. 27 29 Greek. Hassgawa Boeki K. Schumm 5 Rokomm 4 Rokos Vergottis. 27 29 Greek. Hassgawa Boeki K. Schumm 4 Rokos Vergottis. 27 29 Greek. Hassgawa Boeki K. Schumm 5 Rokomm 4 Rokos Vergottis. 27 29 Greek. Hassgawa Boeki K. Schumm 4 Rokos Vergottis. 27 29 Amer. Isthmian S. S. Lines. Mahukone, T. H. Schel, gen. T. 7.32 Rokom 4 Rokos Vergottis. 27 29 30 Pam. Rokomma Mar. Union Grace Line. New York, N. Y. Arica, Chile. Ballast. Schumm 5 Rokom 4 Rokos Vergottis. 27 29 30 Rokomm 5 Rokomm 6 Rokos Vergottis. 27 29 30 Rokomm 6 Rokom 7 Rokos Vergottis. 27 29 30 Rokomm 6 Rokom 7 Rokos Vergottis. 27 29 30 Rokomm 8 Rokos Vergottis. 27 29 30 Rokomm 8 Rokos Vergottis. 27 29 30 Rokomm 8 Rokos Vergottis. 27 29 30 Rokomm 8 Rokos Vergottis. 27 29 30 Rokomm 8 Rokos Vergottis. 27 29 30 Rokomm 8 Rokos Vergottis. 28 Baltast. 10 Rokopic, Cinical Rokopic, Calla Rokopi	Wind Rush	22	29	Amer.	Shepard S. S. Co	Albany, N. Y	Tacoma, Wash	General	4,687				
Col. H. C. 26 Amer. C. S. Army Cristobal, C. Z. Balboa, C. Z. Balbat Schumm 4	La Plata Maru 2	27	29	Jap	Osaka Syosen Kaisya	Capetown, Airica	Kobe, Japan	Rallast					
Rokos Vergottis 27	Lt. Col. H. C.				U. S. Army	Cristobal, C. Z.	Balboa, C. Z	Ballast					
Mobile City 28 30 Amer. Isthmian S. S. Lines. Baltimore, Md. Penang, St. Set. Gen., steel 1,068	Schumm. 4								i				
Pacific Enterprise 28 29 Brit. Furness, Withy & Co. Steel Voyager. 29 29 Amer. Isthmian S. S. Lines. Mobile, Ala	Mobile City					Baltimore, Md.	Penang, St. Set.	Gen., steel	8,763				
Eolo	Paeinc Enterprise 2	28	29	Brit	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	1,068				
Annix 29 30 Pan Reth's & Kninkundis Galveston, Iex Fremantic, Aust. Sulphur 3,799 30 Amer Grace Line New York, N. Y. Chile General 2,905 Annixa 29 30 Greek Chile Nit. Sales Corp. Standard Oil of N. J. Aruba, N. W. I. Iquique, Chile General 4,145 General 3,267 General 30 Amer. Luckenbach Line Boston, Mass. Honkgong, China General 4,145 General 3,267 General 3,498 G	Steel Voyager	29		Amer	Apprimia Mar Union	Mobile, Ala	Mahukone, T. H.	Steel, gen	7,711				
Annix 29 30 Pan Reth's & Kninkundis Galveston, Iex Fremantic, Aust. Sulphur 3,799 30 Amer Grace Line New York, N. Y. Chile General 2,905 Annixa 29 30 Greek Chile Nit. Sales Corp. Standard Oil of N. J. Aruba, N. W. I. Iquique, Chile General 4,145 General 3,267 General 30 Amer. Luckenbach Line Boston, Mass. Honkgong, China General 4,145 General 3,267 General 3,498 G	Salvador	21		Brit	Pacific Steam Nav. Co	Cristobal, C. Z.	Champ'ico, Guat.	General	163				
Annusa	Mount Othrys	29	30	Pan	Reth'is & Kulukundis	Galveston, Tex	Fremantie, Aust	Sulpaur	8,799				
Penelope 2	Santa Rita 2	29			Chile Nit Sales Corn	New York, N. Y.	Chile						
Glaucus 29 30 Brit. Ocean S. S. Co. Boston, Mass. Honkgong, China General. 4, 140 140	Penelope 1 2	28		Pan	Standard Oil of N. J.	Aruba, N. W. I	Iquique, Chile	(19)	111.908				
Deroche 30 30 Amer. Union Oil of Calif. Carteret, N. J. Los Angeles, Cal. Ballast Sun. 1 2 Sun. 1 2 Sun. 2 Su				Brit	Ocean S. S. Co	Boston, Mass	Honkgong, China	General	4,145				
Deroche 30 30 Amer. Union Oil of Calif. Carteret, N. J. Los Angeles, Cal. Ballast Sun. 1 2 Sun. 1 2 Sun. 2 Su	Atlanta City				Isthmian S. S. Lines.	Portland, Me	Seattle, Wash	Gen., steel	7,935				
Sun. 1 2 Michael L. Em- 30 30 Greek. Chile Nit. Sales Corp. Baltimore, Md. Chile. Ballast Michael L. Em- 30 30 Greek. Chile Nit. Sales Corp. Baltimore, Md. Chile. Ballast MartHawaiian Line. N. London, Conn. Seattle, Wash. General. 3,498 Gorlina 3 30 Seattle, Wash. General. 3,498 Gorlina 3 30 Seattle, Wash. General. 3,498 Gorlina 3 30 Seattle, Wash. General. 3,498 Gorlina 3 30 Seattle, Wash. General. 3,498 Gorlina 3 30 Seattle, Wash. General. 3,498 Gorlina 3 30 Seattle, Wash. General. 3,498 Gorlina 3 4 Amer. Elliot Ship, & Land Co. Cristobal, C. Z. Balboa, C. Z. Ballast. 3 30 Seattle, Wash. General. 3,498 Gorlina 3 4 Amer. All America Cables. High seas. High seas. Cables. 235 La Purisima 3 30 Seattle, Wash. General. 3,498 Gorlina 3 3 3 Seattle, Wash. General. 3,498 Gorlina 3 3 3 Seattle, Wash. General. 3,498 Gorlina 3 3 3 Seattle, Wash. General. 3,498 Gorlina	Deroche 1	30	30	Amer	Union Oil of Calif	Carteret, N. J	Los Angeles, Cal.	Ballast					
Michael L. Em- 30 30 Greek Chile Nit. Sales Corp. Baltimore, Md. Chile Ballast Sales Corp. Baltimore, Md. Chile Ballast Chile Chile Nit. Sales Corp. Baltimore, Md. Chile Chile Nit. Sales Corp. Ballast Carp. Chile Nit. Sales Corp. Baltimore, Md. Chile Chile Nit. Sales Corp. Baltimore, Md. Chile Chile Nit. Sales Corp. Baltimore, Md. Chile Chile Nit. Sales Corp. Baltast Chile Nit. Sales Corp. Chile Nit. Sales Corp. Baltast Chile Nit. Sales Corp. Chile Nit. Sales Corp. Carp. Chile Nit. Sales Corp. Carp. Chile Nit. Sales Corp. Carp. Ca	Pennsylvania	30	30	Amer.	Sun Oil Co	Chester, Pa	Los Angeles, Cal.	Ballast					
Hav 2. 30 31 Nor. Mitsubishi Shosen K. Philadelphia, Pa. Yokohama, Japan (29) 8,791 Fortuna 3. 30. Pan. Elliot Ship, & Land Co. Cristobal, C. Z. Balboa, C. Z. Balbas	Michael L. Em-	30	30	Greek.	Chile Nit. Sales Corp.	Baltimore, Md		Ballast					
City of Mobile 31 31 Brit Ellerman & Bueknall. Philadelphia, Pa. Sydney, Aust General 5,444	Arkansan					N. London, Conn.	Seattle, Wash	General	3,498				
City of Mobile 31 31 Brit Ellerman & Bueknall. Philadelphia, Pa. Sydney, Aust General 5,444	Fortuna 3		31	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	Balboa, C. Z	Ballast					
City of Mobile 31 31 Brit Ellerman & Bueknall. Philadelphia, Pa. Sydney, Aust General 5,444	Colombia 2	29		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	B'ventura, Col	General	750				
City of Mobile 31 31 Brit Ellerman & Bucknall. Philadelphia, Pa. Sydney, Aust General 5,444	All America 14				All America Cables	High seas Warners N I	Los Angeles Cal	Ballast	230				
Texmar 31 31 Amer Calmar Line Baltimore, Md Seattle, Wash Steel, gen 6,610	City of Mobile	31	31	Brit	Ellerman & Bueknall.	Philadelphia, Pa.	Sydney, Aust	General	0,444				
	Texmar	31	31	Amer	Calmar Line	Baltimore, Md	Seattle, Wash	Steel, gen	6,610				

¹ Tanker. ² Motorship. ³ Motorschooner. ⁴ Tug. ⁵ Launch. ⁶ Yacht. ⁸ Transport. ¹⁴ Cableship. ¹⁵ Steel rods and pipe. ¹⁶ Scrap iron, steel. ¹⁷ Steel, fertilizer. ¹⁸ Quebracho, general, etc. ¹⁹ Fuel and Diesel oil. ²⁰ Scrap iron, general.

	rived	Nation- Line			Po	ort .	Cargo	
Ship	Date arrived	Date cl	ality	(Charterer or operator)	From-	For—	Nature	Long
Heimvard 2	31	31	Nor	Mitsui & Co	New York, N. Y. Cristobal, C. Z.	Yokohama, Japan	General	7,40
Manto ² Uruguay ²	29	31 31	Neth	Royal Neth. S. S. Co.		Guayaquil, Ecua.	General	42
Bon Voyage 4	$\frac{30}{30}$	1	Swed Brit	Johnson Line Sincennes-McNaugh'n	Stockholm, Swed.	S. Francisco, Cal. Seattle, Wash	Ballast	4,98
Bon Voyage 4 Sikisan Maru 2	31 27	1	Jap	Mitsui Bussan Kaisha	Baltimore, Md	Yokohama, Japan	Steel, cotton.	7,32
Perieles 2	27	1	Neth	Royal Neth. S. S. Co.	Montreal, Canada Baltimore, Md Curacao, N. W. I. Cristobal, C. Z. Cristobal, C. Z. Norfolk, Va.	Valparaiso, Chile. Balboa, C. Z Balboa, C. Z	Iron, gen	3,21
	30		Pan	Flliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Pirre ²	$\frac{30}{30}$	1	Pan Amer	Elliot Ship. & Land Co. Quaker Line	Norfolk Va	Portland, Oreg	Ballast General	4,57
Pericles 1	31	1	Nor	Petroleos Mexicanos		Cluay mas, Mex	Gas.,keros'e.	112.12
Pericles 1	31	3	Nor	Knutsen Line	Oslo, Norway	Guayaquil, Ecua.	Paper, cement	1,28 5,95
Stensby 2	31 31	1	Dan	Mitsubishi Kaisha West Coast Line	Osio, Norway Pt. Arthur, Tex., New York, N. Y. New York, N. Y. New York, N. Y. Cristobal, C. Z Aruba, N. W. I. New York, N. Y. Liverpool, Eng. London, England	Yokohama, Japan	(15)	$\begin{bmatrix} 5,95 \\ 2,10 \end{bmatrix}$
Paula	1	2	Dan Nor	Smith & Johnson	New York N Y	Valparaiso, Chile. Mazatlan, Mex	General Ballast	2,10
Lafcomo	î	1 2 2 2	Amer.	Chile Nit. Sales Corp.	New York, N. Y.	Chile	Ballast	
Nuevo Panama 2 1	30	2	Pan	Elliot Ship, & Land Co.	Cristobal, C. Z.	B'ventura, Col	General	40
Emidio 1	1	2	Amer.	Socony Vac. Oil Co	Aruba, N. W. I.	Balboa, C. Z	Fuel oil	10,58
Jersey 2	1 2	2	Nor. Brit	Isbrandtsen Moller.	New York, N. Y.	Vladivost'k, Rus. Vancouver, B. C.	General	7,61
Remuera	2	3	Brit	Morel, Ltd N. Z. Shipping Co	London, England	Wellington, N. Z.	Ballast General	1,65
Remuera Fuscan Star ²	2 2	2	Brit	Blue Star Line		Wellington, N. Z.	Ballast	
Kimikawa Maru 2	2	2 2 2	Jap	Blue Star Line Kawasaki Kisen K	New York, N. Y. Baltimore, Md. Goth'burg, Swed.	Tokuyama, Japan	Cotton, on	8,53
Marore	31	2	Amer.	Ore S. S. Corp	Baltimore, Md.	Cruz Gr'de, Chile Valparaiso, Chile.	Ballast	1
Amoriko 2	2	2 3	Swed .	Johnson Line East Asiatic Co	Goth burg, Swed.	Valparaiso, Chile.	General	1,28 68
MaroreBalboa ² Amerika ² Ebba ²	2		Dan Pan	H. Obarrio	Copenhagen, Den.	Vancouver, B. C. Balboa, C. Z Real, R. P	Ballast	
Porto Bello 3 Sanyo Maru 2	2	2	Pan	A. Tagaropulos	Cristobal, C. Z. Cristobal, C. Z.	Real, R. P	General	
Sanyo Maru 2	2 2	3	Jap	Osaka Svosen Kaisya Socony Vac. Oil Co.	Rotterdam, Neth. Aruba, N. W. I. Halifax, N. S.	Dairen, China	Gen., potash	7,87
Spencer Kellogg 1.	2	3	Amer.	Socony Vac. Oil Co.	Aruba, N. W. I	Los Angeles, Cal.	Ballast	
Port Wyndham 2.	3	4	Brit Nor	Port Line	Halifax, N. S	Adelaide, Aus'lia. Shanghai, China	(16) Steel, gen	6,31
Ivaran	3	3	Brit	De La Rama Ministry of Supplies	Baltimore, Md Cardiff, Wales	Vancouver B. C.	Ballast	5,80
Sambu 2	2		Pan.	Elliot Ship. & Land Co.	Cristobal, C, Z.	Balboa, C. Z	Ballast	
Sambu ² Lone Star ⁵	[Amer.	M. F. Slaght	Cristobal, C. Z Cristobal, C. Z	Vancouver, B. C. Balboa, C. Z Balboa, C. Z	Ballast General	
Santa Lucia	3	4	Amer	(leono lino	New York, N. Y. Cristobal, C. Z			2,50
Mallard 10 3-42 7 3-43 7 3-45 7 3-47 7 Feddy 1 2 Libery 8		• •	Amer.	U. S. Navy U. S. Navy U. S. Navy U. S. Navy	Cristobal C Z	Balboa, C. Z Balboa, C. Z Balboa, C. Z Balboa, C. Z Balboa, C. Z	Ballast	
5-43 7			Amer.	U. S. Navy	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Balboa, C. Z	Ballast	
5-45 7			Amer	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z	Ballast	
S-47 7			Amer.	U. D. Navy	Cristobal, C. Z	Balboa, C. Z	Ballast	10 01
Libery 8	4	4	Nor Amer.	A. F. Klaveness & Co. U. S. Army	CorpusCh'ti, Tex. New York, N. Y.		Crude oil General	10,31
leiar	30	5	Span	Naveria Guipuzcoana.	Ceuta, Morocco.	Balboa, C. Z Tocopilla, Chile	Ballast	10
ciar Kirsten B,	2	5	Nor	Grace Line	Ceuta, Morocco. New York, N. Y. Cardiff, Wales	Champ'ico, Guat.	(teneral	919
	3	5	Brit	Scaboard Ship. Co	Cardiff, Wales	Vancouver, B. C.	Ballast	
Salamis 1 2 U. S. Grant 8	3	5	Nor. Amer.	I. M. Skaugen	Go h burg, Swed.	S. Francisco, Cal. S. Francisco, Cal.	Ballast General	23
ophocles 2	4	5	Nor	U. S. Army	New York N. Y.	Manila P. I.	General	8,03
Sona ²	2	5	Pan	Elliot Ship. & Land Co.	Go h'burg, Swed. New York, N. Y. New York, N. Y. Cristobal. C. Z. Cristobal, C. Z.	Manila, P. I Pedregal, R. P	General	2
Real 2	2	5	Pan.	Elliot Ship, & Land Co.	Cristobal, C. Z.	Pto.Arm'les, R. P.	General	2
V. Fred Talbot 9 Nemours 2	30	5	Amer.	U. S. Navy	111ga seas	Balboa, C. Z	Ballast	
Vicoria City	29	5	Fr Brit	French Line	Port Limon, C. R. Manchester, Eng.	B'ventura, Col Vancouver, B. C.	General	66
Point Ancha	4	5	Amer.	Ministry of Supply Swayne & Hoyt	New Orleans, La.	Seattle, Wash	Ballast General	6,42
Martin Rakka 2	4	5	Nor	Knutsen Line	Belfast, Ireland Hull, England New Orleans, La.	Vancouver, B. C.	Ballast	
Ripley 2	4	5	Brit	Stephens Sutton, Ltd.	Hull, England.	vancouver, D. C.	Ballast	
deranger 2	5	6	Nor	Interocean S. S. Co.	New Orleans, La. Baltimore, Md	Los Angeles, Cal.	Ballast	
Ripley ² Heranger ² Vemaha ¹³ Argyll	5	6	Amer Brit	U. S. Navy Canadian Transp. Co.	Sunderland, Eng.	Seattle, Wash Brit. Columbia	Ballast	
	4	6	Hond.	United Fruit Co	New Orleans, La.	Colfito, C. R	Ballast General	1.38
Kita 1	5		Neth	Cur. Scheepv. My	New Orleans. La. Curacao, N. W. I. Boston, Mass	Colfito, C. R Balboa, C. Z Seattle, Wash	Crude oil	1,38 3,92
William Lucken- bach.	6	6	Amer	Luckenbach Line	Boston, Mass	Seattle, Wash	General	4,56
W. S. Miller 1	6	6	Amer	Standard Oil of Cal	Boltimore Md	S. Francisco, Cal.	Ballast	
Havkong 1 2	6	7	Nor	Mitsui Bussan Kaisha	Baltimore, Md Houston, Tex	Yokohama, Japan	Fuel oil	14,22
City of Singapore.	6	6	Brit	Ellerman & Bucknall	New York, N. Y.	Far East	(17)	7,80 2,30
Frida	6	7	Dan	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	2,30
Mussolini 2	5	7	Pan	Grace Line	New York, N. Y. New York, N. Y. Curacao, N. W. I. Cristobal, C. Z.	Guayaquil, Ecua. Balboa, C. Z Balboa, C. Z	Coffee, gen Ballast	95
Fortuna 3	6		Pan	Elliot Ship. & Land Co.	Cristobal C Z	Balboa C Z	Ballast	
Fortuna 3	5	7	Pan	Elliot Ship, & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	1,00
aawanan	6	7	Amer.	AmerHawaiian Line.	Cristobal, C. Z Cristobal, C. Z Baltimore, Md New York, N. Y.	B'ventura, Col Tacoma, Wash	General	[5,05]
Tity of Newport	7	7	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	4,910
News. Svealand 2	7	7	Swed	Ore S. S. Corp	Baltimore, Md	Cruz Gr'de, Chile	Ballast,	
The state of the s	-	7	Amer.	Lykes Brothers Co	New Orleans, La. New York, N. Y.	Shanghai, China.	General	6,627
Eglantine	7	- 61	Ашег.	Lykes Drothers Co	New Orleans, La.		General	0.02

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁴ Tug. ⁵ Launch. ⁷ Submarine. ⁸ Transport. ⁹ Destroyer. ¹⁰ Mine sweeper. ¹³ Patrol boat. ¹⁴ Paper, pulp, general. ¹⁵ Oil, scrap iron, etc. ¹⁶ Paper, asbestos, etc. ¹⁷ General, scrap iron.

				ATLANTIC TO PAC				
	rrived	eared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For-	Nature	Long tons
Port Melbourne.	 6	-8	Brit	Port Line, Ltd.	New York, N. Y.	Adelaide, Aus'lia.	General	7,99
Sambu 2	6 6		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z Balboa, C. Z	Ballast	
Fuira ² President Gar- field.	8	8	Amer.	Elliot Ship. & Land Co. AmerPresident Lines	New York, N. Y. Cristobal, C. Z. Cristobal, C. Z. New York, N. Y.	S. Francisco, Cal.	Gen., cotton.	5,38
Copiapo 2	6 7	8	Chile	Sud. Amer. de Vapor.	New York, N. Y.	Valparaiso, Chile.	General	3,66
Clairy 1,	6	8	Pan Colo	Bernuth Lembcke Co. Colombiana Cabotajo.	Tyne, England Barranquilla, Col.	Oakland, Calif B'ventura, Col	Creosote oil.	7,98
stmo Petrolite ¹ ²		9	Brit	Imperial Oil Co	Halifax, N. S	Talara, Peru	Ballast Pig lead	7,00
Vashington Oraco ²	8 8 5	8	Amer. Neth.	Promsyric Import. Royal Neth. S. S. Co. Royal Neth. S. S. Co. AmerFor, S. S. Corp.	Tampico, Mexico. Cristobal, C. Z Cristobal, C. Z	Vladivost'k, Rus. B'ventura, Col. Guayaquil, Ecua.	General	25
Oraco ² Vero ²	6	8	Neth	Royal Neth. S. S. Co.		Guayaquil, Ecua.	General	36 7,39
Sapinero Black Eagle	- 8 - 8	9	Amer	Eastman S. S. Corp.	New Orleans, La. Baltimore, Md	Long View, Wash Seattle, Wash	Sulphur General	6,80
an Clemente	8 7 8 6	9	Amer	Quaker Line	Baltimore, Md New York, N. Y. Cristobal, C. Z Cristobal, C. Z Liverpool, Eng	Tacoma, Wash Real, R. P Balboa, C. Z	General	5,40
Porto Bello 3 Ebba 2	- 8 - 6	8	Pan Pan	A. Tagaropulos H. Obarrio	Cristobal, C. Z.	Balboa, C. Z	General Ballast	
)rduna	- 8 - 8	9	Brit	H. Obarrio Pacific Steam Nav. Co	Liverpool, Eng	Valparaiso, Chile.	General	3,59
Juquesne Jauna Kea		9	Amer	Chile Nit. Sales Corp.	Savannah, Ga	Chile Hilo, T. H	Ballast General	5,33
lity of Joliet	8 9	9	Amer	Isthmian S. S. Lines. Chile Nit. Sales Corp.	Wilmington, N. C	Iquique, Chile	Ballast	3,88
Juayaquil Annie Johnson 2	9	10	Amer Swed	Amtorg Trad. Corp. Johnson Line.	New York, N. Y. Wilmington, N. C. New York, N. Y. Stockholm, Swed. Cristobal, C. Z.	Manzanillo, Mex. Seattle, Wash	Copper Gen., coffee.	$\frac{3,88}{2,78}$
Nuevo Panama 2.1	8 7 8	9	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col	(15)	25
Virgilio ² Pandora ¹³	- 8	10 11	Ital	Italia Line	Genoa, Italy Key West, Fla	Valparaiso, Chile. Acapulco, Mexico	General Ballast	84
litus	8 7	10	Amer Neth	Coast Guard Royal Neth. S. S. Co.	Amsterdam, Neth	Auckland, N. Z. Balboa, C. Z. Balboa, C. Z. Seattle, Wash Osaka, Japan. Vancouver, B. C. Seattle, Wash	General	1,97
litus. Vaiwera ² . New York ¹	9	10	Brit	Shaw, Savill & Aibion	Loudon, England	Auckland, N. Z.	Ballast Gasoline	2,80
Overton 9	30		Amer	The Texas Co U. S. Navy	Pt. Arthur, Tex High seas	Balboa, C. Z	Ballast	
'ennmar	8	10	Amer	Calmar Line	High seas Baltimore, Md	Seattle, Wash	Steel, gen	7,56
Wacosta Pacific Pioneer 2	9	10 10	Amer Brit	States Marine Corp Furness, Withy & Co.	Texas City, Tex. Manchester, Eng.	Vancouver, B. C.	Scrap iron	7,50
Nevadan Walter A. Luck-	9	10	Amer	AmerHawaiian Line.	Boston, Mass Tampa, Florida	Seattle, Wash Seattle, Wash	General	3,96
Walter A. Luck- enbach.	9	11	Amer.	Luckenbach Line	Tampa, Florida	Seattle, Wash	General	5,73
Mayari	10	11	Pan	United Fruit Co	Boston, Mass	Quepos, C. R Seattle, Wash	General	3,17
Desoto Fernmoor ²	9	11	Amer	Waterman S. S. Co	Baltimore, Md Mobile, Ala	Shanghai, China.	General Iron, lead	$\frac{2,68}{7,08}$
Karin	9	11	Fin	Fern Line. N. Atlantic S. S. Co. Elliot Ship. & Land Co.	LaGuavra, Venez,	Chicama, Peru	Ballast	
Pirre 2	9	10	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	Chicama, Peru Balboa, C. Z Pedregal, R. P	Ballast	1
Pirre ² Real ² Sona ²	9		Pan	Elliot Land & Ship. Co.	Cristobal, C. Z.	Balboa, C. Z	Flour Ballast	
				PACIFIC TO	ATLANTIC			
Deroche 1	10	11	Amer	Union Oil Co. of Calif.	S. Francisco, Cal.	Sewaren, N. J	Fuel oil	9,91
Nako Maru ²	10	12	Jap	Nippon Yusen Kaisya	Manila, P. I	Baltimore, Md Baltimore, Md Cristobal, C. Z New York, N. Y. New Orleans, La.	General	5,11
Kanto Maru 2 Mussolini 2	11 11			Osaka Syosen Kaisya. H. Obarrio	Davao, P. I Darien, R. P	Cristobal, C. Z.	Bananas	
Frida	11	11	Dan	H. Obarrio West Coast Line	Talcahuano, Chile	New York, N. Y.	General	2,68
Choluteca La Purisima 1	11	12		United Fruit Co Union Oil Co. of Calif.	Corinto, Nic Los Angeles, Cal.	Paulsboro, N. J	Ballast (17)	6,8
Arizonan	11	11	Amer	AmerHawaiian Line.	Portland, Oreg	Boston, Mass	Lumber, gen.	7,57 1,36 7,74
Notos ² K. I. Luckenbach.	11 11	12 12		Royal Neth. S. S. Co. Luckenbach Line	Guayaquil, Ecua. Portland, Oreg	Cristobal, C. Z Boston, Mass	General	7.74
Atutasan Maru 2.	11	11	Jap	Mitsui Bussan Kaisha	Manila, P. I. San Diego, Calif.	Baltimore, Md	General	0,0
Nitro Baxter Gate	10 11	13 12		U. S. Navy British Govt	San Diego, Calif.	Baltimore, Md Norfolk, Va United Kingdom.	General Lum., wheat	9,0
lumphrevs 9	12	16		II C Norre	Vancouver, B. C. Balboa, C. Z	Cristobal, C. Z		
Winona Fortuna ²	11			Weyerhaeuser S.S. Co.	S. Francisco, Cal.	Chester, Pa Cristobal, C. Z	Lumber, gen. Bananas	8,5
Kirsten Maersk	12 11	13 12		Elliot Ship. & Land Co. Golodetz & Co., N. Y.	Darien, R. P Chicama, Peru	Dublin, Ireland	Sugar	3,40
Santa Rita 2	11	13	Amer	Grace Line	Antof'gasta, Chile		General	3,8
Moira 1	11	12 12	Nor	Proctor & Gamble McCormick S. S. Co.	Manzanillo, Mex. Townsend, Wash.	Philadelphia, Pa.	Coconut oil . Lumber, gen.	6,00
West Cape	12	12	Amer	Luckenbach Line	Seattle, Wash	Boston, Mass	(18)	8,34
West Cape J. L. Luckenbach	12	13		Java-Pacific Line Elliot Ship. & Land Co.	Davao, P. I Darien, R. P	Calcutta, India	General Bananas	4,14
West Cape J. L. Luckenbach Modjokerto ² Real ²	12							1
West Cape J. L. Luckenbach Modjokerto ² Real ² Tuira ²	12 12	13	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z Cristobal, C. Z	Bananas	
West Cape J. L. Luckenbach Modjokerto ² Real ² Tuira ² Pirre ²	12 12 12	13 13	Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z Cristobal, C. Z New York, N. Y.	Bananas Bananas General	6
West Cape J. L. Luckenbach Modjokerto ² Real ² . Fuira ² . Pirre ² Faketoyo Maru Houston City ²	12 12 12 12 12	13 13 13 13	Pan Pan Jap Brit	Elliot Ship. & Land Co. Elliot Ship. & Land Co. Nippon Yusen Kaisha Reardon Smith Line.	Darien, R. P Darien, R. P Osaka, Japan Vancouver, B. C.	New York, N. Y. United Kingdom.	Bananas General Wheat, lum.	4,06 9,00
West Cape. J. L. Luckenbach Modjokerto ² Real ² Tuira ² Pirre ² Taketoyo Maru	12 12 12 12	13 13 13	Pan Pan Jap Brit Amer	Elliot Ship. & Land Co. Elliot Ship. & Land Co. Nippon Yusen Kaisha	Darien, R. P Darien, R. P Osaka, Japan Vancouver, B. C. Cruz Gr'de, Chile	New York, N. Y. United Kingdom. Baltimore, Md	Bananas General Wheat, lum.	4,00

Tanker.
 Motor ship.
 Motor schooner.
 Destroyer.
 Patrol boat.
 Salt, flour, general.
 Barb wire, steel.
 Rubber, silk, general.
 Crude oil, solvent.
 Lumber, canned goods, general.

PACIFIC TO ATLANTIC—Continued

PACIFIC TO ALBANTIC COMMITTEE										
~	Date arrived	Date cleared	Nation-	Line	Po	ort	Cargo			
Ship	Date a	Date c	ality	(Charterer or operator)	From	For	Nature	Long tons		
Maine	12	13		CalifEastern Line	Los Angeles, Cal.	Philadelphia, Pa.	Lumber, gen.	8,086 7,917		
Maine Yorkmar Tropic Sea ²	13 13	13 13		Calmar S. S. Corp Canadian Gulf Line	Seattle, Wash Powell Riv., B. C.	Baltimore, Md Houston, Tex	Lum., copper	7,917 5,246		
Point Lobos	13	13	Amer	Swavne & Hovt	Seattle, Wash	Tampa, Fla Havre, France	(17)	5.842		
Alabama	13 13	14 14		French Line	Talcahuano, Chile	Havre, France	Cotton, ores.	7,400 7,700		
Sandpiper 4	14		Amer.	Joh. Bruhn U. S. Navy Kerr S. S. Co	Kohsichang, Siam Balboa, C. Z	Nuevitas, Cuba. Cristobal, C. Z. New York, N. Y. Baltimore, M.	Rice			
Silverteak 2	13	14	Brit	Kerr S. S. Co	Balboa, C. Z Calcutta, India Seattle, Wash	New York, N. Y.	General	8,953		
Panaman Leonidas M	14 14	14 14	Amer Greek	AmerHawaiian Line. Chile Nit. Sales Corp.	Tocopilla, Chile.	Kingston, Jam.	General Nitrate	7,170 7,700		
Copiano 2	14	14	Chile	Sud Amer, de Vapores	Valparaiso, Chile.	Kingston, Jam. New York, N. Y. Cristobal, C. Z.	General	3,678 372		
Manto ² Colombia ²	14 14	17 17	Neth Pan	Royal Neth. S. S. Co. Elliot Ship. & Land Co.	Esmeraldas, Ecua B'ventura, Col	Cristobal, C. Z.	Coffee	1 235		
D. G. Scofield 1	15	15	Amer	Shell Oil Co Steel Bros., London.	Los Angeles Cal.	Cristobal, C. Z. Bayonne, N. J. Habana, Cuba.	Fuel oil	$\frac{1,235}{10,636}$		
Erviken	15 15	15 18		Steel Bros., London H. Obarrio	Kohsichang, Siam Darien, R. P	Habana, Cuba Cristobal, C. Z	Rice Bananas	9,271		
Ebba ² Wisconsin	15	16		French Line	Vancouver, B. C.	France		6,608		
Nero 2	15	18	Neth	Royal Neth. S. S. Co.	Vancouver, B. C. B'ventura, Col.	Cristobal, C. Z.	Coffee	479		
Magister Overton 9	15 15	15	Brit	Royal Neth. S. S. Co. J. S. Webster & Sons. U. S. Navy	Frazer Riv., B. C. Balboa, C. Z. Balboa, C. Z.	Kingston, Jam Cristobal, C. Z	Lumber, gen.	3,160		
McCormick 9	15		Amer	U. S. Navy Shepard S. S. Co	Balboa, C. Z.	Cristobal, C. Z				
Harpoon Margrethe Bakke.	15 15	15 15	Amer	Shepard S. S. Co Knutsen Line	S. Francisco, Cal. Valparaiso, Chile.	Boston, Mass Goth'burg, Swed.	Lumber, gen. General	8,685 7,789		
Porto Bello 2	15	15	Pan	A. Tagaropulos	Darien, R. P	Cristobal C. Z	Fruit, lum	14		
Glenmoor 2	15	16	Brit	Continental Trad. Co.	Singapore, St. Set. Balboa, C. Z	New York, N. Y. Cristobal, C. Z.	(19)	7,587		
Gen. W. M. Gra- ham. 11 Pennsylvania Sun. 1 2	16	16	Amer	U. S. Army	El Segundo, Calif.	Marcus Hook, Pa.	Gasoline	17,507		
Clss	15	16	Nor	Grace Line Matson Nav. Co	Champ'ico, Guat. Kahulaui, T. H. Salaverry, Peru.	Cristobal, C. Z.	General	472 7,592		
Kainalu	15 16	16		Isbrandtsen Moller	Salaverry, Peru.	Philadelphia, Pa. Boston, Mass	Sugar	3,838		
Comol Rico 1	16	17	Amer	Commercial Molasses.	S. Francisco, Cal. Darien, R. P Darien, R. P	New York, N. Y. Cristobal, C. Z. Cristobal, C. Z.	Molasses	7.443		
Sona ² Real ²	16 16	18 17	Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	22 25		
Real ²	16	17	Brit	Reardon-Smith Line.	Voncouver B [:	United Kingdom.	Grain, lum	9,000		
Sedgepool Napier Star	16 16	17 17	Brit	Anglo-Can. S. S. Co.	S. Francisco, Cal.	United Kingdom. London, England	Gen., lumber Refrig., gen	8,620 7,859		
BonningtonCourt ²	16	17	Brit Brit	Blue Star Line Haldin & Philipps	S. Francisco, Cal. Lyttelton, N. Z Victoria, B. C	London England	Lumber, lead	8,500		
U. S. Grant 8	16	17	Amer	U. S. Army	S. Francisco, Cal. Valparaiso, Chile.	New York, N. Y.	General	62 2,601		
Orazio ² Kyusyu Maru ²	17 17	18		Osaka Syosen Kaisya.	Dairen, China	Genoa, Italy Antwerp, Belg New York, N. Y.	Copper General	5,024		
Nightingale	17	18	Amer	Grace Line East Asiatic Co	Valparaiso, Chile.	New York, N. Y.	Copper sugar	8,957		
Erria Mussolini ²	18 18	18 19	Pan	E. Obarrio	Vancouver, B. C. Darien, R. P.	Copenhagen, Den.	General Bananas	6,512		
Point San Pablo.	16	18	Amer.	McCormick S. S. Co.	Townsend, Wash. Tacoma, Wash.	Cristobal, C. Z San Juan, P. R	Lumber, gen.	3,700		
Mosfruit 2 Abraham Lincoln ²	17 17	18 19	Nor	Martin Mosvold Fred Olsen Line	Tacoma, Wash.	Antwerp, Beig	General Gen., wheat.	2,975 7,628		
Edwin Christen- son.	17	19	Amer	Sudden & Christenson		Oslo, Norway Baltimore, Md	Lumber	6,945		
Fortuna 2	19	20		Elliot Ship. & Land Co.	Darien, R. P Pt. Allen, T. H	Cristobal, C. Z New York, N. Y.	Bananas	85 7,850		
Honomu Maui	18 18	19 20	Amer	Matson Nav. Co Baltimore Mail S.S.Co.	Los Angeles, Ual.	Baltimore, Md	General	5,220		
Istmo	18	20	Colom.	Colombian Cabotaje.	B'ventura, Col	Cristobal, C. Z.	Coffee, ore	648		
Yamakaze Maru ² Brimanger ²	18 18	20 19		Yamashita Kisen K Interocean S. S. Corp.	Keelung, Japan. Seattle, Wash Manila, P. I	Buenos Aires, Arg. Rotterdam, Neth.	Gen., grain	5,492 7,330		
Anniston City	18	19	Amer	Interocean S. S. Corp. Isthmian S. S. Lines.	Manila, P. I	Baltimore, Md Glasgow, Scot	(23)	7,643 5,733		
Moveria 2	18 19	20 21	Brit Swed	Donaldson Bros. & Co. Johnson Line	Vancouver, B. C.	Glasgow, Scot Goth'burg, Swed.	General Coffee, gen	3,353		
Colombia ²	19	20	Pan	Elliot Ship. & Land Co.	Seattle, Wash Darien, R. P	Goth'burg, Swed. Cristobal, C. Z. Cristobal, C. Z.	Bananas	55		
Tuira ² Pirre ²	19 19	20 20		Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z	Bananas	54 48		
Missourian	19	20	Pan	Elliot Ship. & Land Co. AmerHawaiian Line.	Portland, Oreg		General	8,604		
Illinois	19	20	Amer	The Texas Co	Portland, Oreg San Luis, Calif.	Pt. Arthur, Tex Baltimore, Md	Gasoline	7,482		
W. S. Miller Santa Lucia	20 20	20 21		Standard Oil of Calif. Grace Line	S. Francisco, Cal. SanAntonio, Chile	New York, N. Y.	Furnace oil General	9,676 5,901		
Nemours Lautaro ²	20	26	Fr	French Line	Guayaquil, Ecua. Iquique, Chile Tacoma, Wash	New York, N. Y. Cristobal, C. Z.	Ivory nuts. Nit., cotton.	62		
Oregonian	20 21	21 21	Brit	Pacific Steam Nav.Co. AmerHawaiian Line.	Tacoma, Wash	England	Nit., cotton. General	7,514 6,131		
Salvador	21		Brit	Pacific Steam Nav Co.	Guayaguil, Ecua.	Cristobal, C. Z.	General	263		
All America Elisabeth Bakke ²	20 21	26	Amer	All America Cables. Knut Knutsen O. A. S.	Callao, Peru	Cristobal, C. Z. Cristobal, C. Z. Liverpool, Eng.	Cable	249 7,526		
Orbita	21	22 22	Nor Brit	Pacific Steam Nav.Co.	Vancouver, B. C. Talcahuano, Chile	Livernool Eng	Fruit, gen Oats, tin	6,893		
Draco 2	21 21	23	Neth	Royal Neth. S. S. Co.	Guavaguil, Ecua.	Cristobal, C. Z. Charleston, S. C. Cristobal, C. Z.	Rubber, gen.	371		
City of Joliet L-41 ⁵		21	Amer	Chile Nit, Sales Corp. U. S. Army	Tocopilla, Chile., Balboa, C. Z	Cristobal, C. Z	Nitrate	9,316		

Tanker. ² Motor ship. ⁴ Tug. ⁵ Launch. ⁸ Transport. ⁹ Destroyer. ¹¹ Mine planter. ¹⁶ Paper, shingles.
 ¹⁷ Lumber, potash, general. ¹⁸ Coffee, wood, general. ¹⁹ Rubber, tin, pepper. ²⁰ Sugar, canned pineapples.
 ²¹ Raw sugar, pineapples. ²² Chrome ore, general. ²³ Rubber, tin, hemp.

PACIFIC TO ATLANTIC-Continued

PACIFIC TO ATLANTIC—Continued										
	rrived	cleared	Nation-	Line	Port		Cargo			
Ship	Date arrived	Date cl	ality	(Charterer or operator)	From—	For—	Nature	Long tons		
Svealand ² . Fresno Star. Nuevo Panama ² . Ebba ² . Western Head. Lihue. Fjordaas ² . Bill. Orotava. Kagu Maru ² .	21 19 21 22 21 21 21 21 22 21 21 22 21	22 22 24 25 22 22 22 22 23 23	Swed Brit Pan Pan Brit Amer Nor Nor Hond Jap	Ore S, S, Corp. Blue Star Line Elliot Ship, & Land Co. H, Obarrio States Marine Corp. Matson Nav. Co. Eagle Oil & Ship. Co. No. Pan America Line United Fruit Co. Kokusai Kisen Kaisha	Cruz Gr'de, Chile Scattle, Wash B'ventura, Col El Real, R. P Chicama, Peru Honolulu, T. H S. Francisco, Cal. Salaverry, Peru Acajutla, Salv Penang, St. Set	Baltimore, Md Liverpool, Eng Cristobal, C. Z Cristobal, C. Z Casa Blanca, Afr. Baltimore, Md Curacao, N. W. I. Curacao, N. W. I. Casa Blanca, Afr. New Orleans, La. Houston, Tex	Iron ore Fruit, gen Ivory nuts Bananas	3,750		
Colombia ² Akagi Maru ² Porto Bello Hydra ⁵ San Lueas Syros Robert Lucken-baeh.	22 22 22 22 22 23	24 23 22 22 23 23 23	Colom. Jap Pan Pan Amer Amer	Elliot Ship. & Land Co. Nippon Yusen Kaisha A. Tagaropulos L. S. Constantine States S. S. Co. Chile Nit. Sales Corp. Luckenbaeh Line	B'ventura, Col Keelung, Formosa Darien, R. P. Balboa, C. Z. Portland, Oreg Tocopilla, Chile. Everett, Wash.	Houston, Tex Cristobal, C. Z. Baltimore, Md Colon, R. P Cristobal, C. Z. Philadelphia, Pa. Charleston, S. C. Boston, Mass.	Coffee Silk, gen Fruit, lum (17) Gen., lumber Nitrate Gen., lumber	9,376 8,471		
Kinai Maru ² Tamaroa Sona ² Real ² Trevalgan ² Asaka Maru ² Laila City of Glasgow Pereira	23 23 23 23 23 24 24 24 24 24 24	24 24 24 24 24 24 25 25 27 25	Jap. Brit. Pan. Pan. Brit. Jap. Dan. Brit. Greek.	Osaka Syosen Kaisya Shaw, Savill & Albion Elliot Ship, & Land Co. Elliot Ship, & Land Co. Anglo-Can. S. S. Co. Nippon Yusen Kaisya Wessel, Duval & Co. M. A. N. Z. Line. Grace Line Rigg & Thue, Ltd Royal Neth. S. S. Co. A. P. Moller.	Kobe, Japan Auckland, N. Z. Darien, R. P. Darien, R. P. N. Westm'er, B.C Woosung, China Casma, Peru. Auckland, N. Z. La Union, Salv. Sta. Rosalia, Mex.	Baltimore, Md., London, England Cristobal, C. Z., Cristobal, C. Z., Liverpool, Eng., Rotterdam, Neth. New York, N. Y. Halifax, N. S., Cristobal, C. Z., U. S. gulf root	General. Frozen, gen. Bananas. Lum., lead. General. Ore, gen. Coffee, gen.	25 28 8,597 6,864 2,612 5,065 1,123		
Marathon Nero ² . Niel Maersk ² Duquesne. Santore. Western Prince ² . Mussolini ² . Dusseldorf ² . Ino ² .	24 24 24 24 24 25 25 24	27 25 24 24 25 26 26 28	Neth Dan Amer Amer Brit Pan Brit Neth	Ore S. S. Corp. Furness Prince Line. H. Obarrio. British Government	B'ventura, Col. Sagay, P. I. Tocopilla, Chile. Cruz Gr'de, Chile. Vancouver, B. C. Darien, R. P. Valparaiso, Chile. Guayaguil, Egua.	U. S. gulf port. Cristobal, C. Z. Savannah, Ga. Savannah, Ga. Baltimore, Md United Kingdom. Cristobal, C. Z. Jamaica, B. W. I. Cristobal, C. Z.	Gen., airpl'es Bananas Ballast	80 540		
Kupa. Goyo Maru. Steelore. Elizabeth Kellogg¹ Norvinn ¹². Fortuna ². Florence Lucken- bach.	25 25 26 25 26 26 26 26	25 26 26 26 26 27 27	Y-Slav Jap Amer Pan Pan Amer	Royal Neth. S. S. Co. Chile Nit. Sales Corp. Kawasaki K. Kaisya. Ore S. S. Corp. Kellogg S. S. Corp. Anglo-Saxon Pet. Co. Elliot Ship. & Land Co. Luckenbach Line.	Iquique, Chile Manila, P. I Cruz Gr'de, Chile Manila, P. I Los Angeles, Cal. Darien, R. P Stockton, Calif	Azores 18. Houston, Tex. Baltimore, Md New York, N. Y. Curacao, N. W. I. Cristobal, C. Z. New York, N. Y.	Nitrate Fish meal, gen Iron ore Coconut oil. (20) Bananas Sugar, gen	21,500 6,720 9,900 83 6,720		
Tuira ² . Sambu ² . Sona ² . Pirre ² . Lieut. Col. H. C. Schumm. ⁴	26 26 26 26 26	27 27 27 27 27 28	Pan Pan Pan Pan Amer	Elliot Ship. & Land Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co. U. S. Army	Darien, R. P Darien, R. P Darien, R. P Darien, R. P Balboa, C. Z	Cristobal, C. Z. Cristobal, C. Cristobal, C. Z. Cristobal, C. Z. Cristobal	Bananas Bananas Bananas	58 60 23 43		
John A. Brown ¹ ² Albion Star Onomea H. D. Collier ¹ Kansan City of Elwood ² . Orangeleaf ¹ Hercules El- ²	26 26 27 27 27 27 27 27 27 27	27 28 27 27 27 28 28 28 28	Amer Amer Amer Brit Neth	Watson, Grace & Co.	Talara, Peru Los Angeles, Cal. Port Allen, T. H. Los Angeles, Cal. Portland, Oreg Haiphong, China. Callao, Peru Antof gasta, Chile	London, England United Kingdom. New York, N. Y. New York, N. Y. Baltimore, Md Caribbean Sea Galveston, Tex	Furnaee oil Lumber, gen. (23) (24) Lead ore	7,887 146 3,710		
Elg ² . Titania ² Santa Barbara ² . W. B. Walker ¹ ² . George M. Livanos Rotorua. City of Los Angeles Lucijana	27 28 27 27 28 28 28 27	28 29 29 28 28 29 30 29 29	Nor Amer Brit Greek. Brit Amer Y-Slav	Canadian-Guit Line. Barber-Wilhelmsen. Grace Line. Standard Oil of N. J. Chile Nit. Sales Corp. N. Z. Shipping Co. Panama-Pacific Line. Chile Nit. Sales Corp.	Powell Riv., B. C. Davao, P. I. SanAntonio, Chile Talara, Peru Iquique, Chile Lyttelton, N. Z. Los Angeles, Cal. Tocopilla, Chile	Galveston, Tex. Houston, Tex. New York, N. Y. New York, N. Y. London, England Gibraltar 13 United Kingdom. New York, N. Y. Alexandria, Egypt	General Copper, gen. (21) Nitrate (26) General Nitrate	5,074 6,080 5,308 13,526 9,152 7,235 5,772 7,350		
Ebba ² Athelqueen ¹ ² Colombia ² Frimaire ¹ Henry D. Whiton Sinaloa Losmar Point Salinas	28 28 28	29 31 29 29 30 29 29	Brit Pan Fr Amer Hond Amer	H. Obarrio. United Molasses Co Elliot Ship. & Land Co. Raffineres de Berre. Dutton Lumber Corp. United Fruit Co Calmar Line. Gulf-Paeific Line.	El Real, R. P Pt. Allen, T. H B'ventura, Col Talara, Peru Seattle, Wash Golfito, C. R. Tacoma, Wash Portland, Oreg	Cristobal, C. Z. Birkenhead, Eng. Cristobal, C. Z. Pt. de Bouc, Fr. Providenee, R. I. Savannah, Ga. New York, N. Y.	Bananas Molasses Coffee Crude oil Lumber Ballast Lumber	50 13,142 1,242 12,582 5,300 7,587 6,319		
Manto ²	29 28	31 30	Neth	W. I. Seheepvaart	Guayaquil, Ecua. Pt. Alberni, B. C.	Panama City, Fla Cristobal, C. Z. United Kingdom.	Lum., grain.	387		

¹ Tanker. ² Motor ship. ⁴ Tug ⁵ Launch. ¹³ For orders. ¹⁴ Sugar, pineapples, canec. ¹⁵ Coffee, bananas. ¹⁶ Cotton goods, general. ¹⁷ Towed by Porto Bello. ¹⁸ Coffee, hides, general. ¹⁹ Rice, cocca, skins. ²⁰ Kerosene distillate. ²¹ Kerosene, gasoline. ²² Fruit, meat, general. ²³ Chrome, ore, sugar, general. ²⁴ Fuel oil, Diesel oil, gasoline. ²⁵ Shingles, newsprint. ²⁶ Meat, wool, general. ²⁷ Skins, coffee, general.

PACIFIC TO ATLANTIC—Continued

PACIFIC TO ATLANTIC—Continued									
	rrived	leared	Nation-	Line	Port		Cargo		
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons	
Porto Bello 2	29	2	Pan	A. Tagaropulos	Darien, R. P	Colon, R. P New York, N. Y.	Fruit, lum	15	
Jane Christenson. Ousebridge	29 29	29 30	Amer Brit	Arrow Line	So. Bend, Wash.	New York, N. Y.	Lumber	6,724	
Iowan	29	30	Amer.	AmerHawaiian Line.	Victoria, B. C Seattle, Wash	London, England Boston, Mass	Lumber, gen. General	9,364 6,526	
Argual	30	30		United Fruit Co	Pto.Arm'les, R.P.	New Orleans, La.	Bananas	618	
Douro ² Nuevo Panama ² .	30 30	i	Neth Pan	W. I. Scheepvaart Elliot Ship. & Land Co.	Tumaco, Col	New Orleans, La. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	(14)	463 217	
Tuira 2	30	31	Pan	Elliot Ship. & Land Co.	B'ventura, Col Darien, R. P	Cristobal, C. Z.	Coffee Bananas	40	
Tuira ²	30	31	Pan	Elliot Ship & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z.	Bananas	40 25	
ven-non	28 31	31 31	Nor	Everett S. S. Corp	Yokohama, Japan	New Orleans, La.	(15)	7,317 $21,000$	
Chilore New Orleans 2	30	31	Amer.	Everett S. S. Corp Ore S. S. Corp AmerPioneer Line	Cruz Gr'de, Chile Sydney, Australia	New Orleans, La. Baltimore, Md Halifax, N. S	General	7,644	
Archangelos	30	31	Greek.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Gibraltar 13	Nitrate	8.530	
Texan	31	1 3	Amer	AmerHawaiian Line.	Portland, Oreg Papeete, Soc. Is	Boston, Mass Marseille, France	Lumber, gen.	9,218 5,286	
Laurits Swenson 2	31	1	Fr Nor	Messageries Marit'es. Fred Olsen & Co	Vancouver, B. C.	Norway	General	7,437	
Evanthia	1	1	Greek.	Goulandris Bros., Ltd.	Tococilla, Chile.	Norway	Nitrate	5.822	
Cellina 2	1	3	Ital	Italian Line	Vancouver, B. C. Valvivia, Chile	Trieste, Italy Genoa, Italy	General	6,250	
Helene Kulukun- dis.	1	2	Greek.	Swiss Government	Valvivia, Chile	Genoa, Italy	Oats	5,427	
Paul Luckenbach.	1	1	Amer.	Luckenbach Line	Townsend, Wash. Manila, P. I.	Boston, Mass	Lumber, gen.	9,200	
Kinka Maru 2	1	2 2	Jap	Kokusai Kisen Kaisya West Coast Line	Manila, P. I.	Houston, Tex	General	9,200 7,333 3,150	
Lotta Hamakua	2	2	Dan	Matson Nav. Co.	Salaverry, Peru.	Baltimore, Md.	(17)	8,125	
rortuna 4	2	3	Pan	Elliot Ship. & Land Co.	Honolulu, T. H. Darien, R. P	Cristobal, C. Z.	Bananas	90	
Mina L. Cambanis	2	2	Greek.	Chile Nit. Sales Corp.	Antol'gasta, Chile	Ternesen, Neth.	Nitrate	7,750	
Acajutla Santa Inez ²	$\frac{2}{2}$	3	Brit	Pacific Steam Nav. Co Grace Line	Champ'ico, Guat.	New York, N. Y.	(18) (19)	298 3,011	
Woodcock 4	2		Amer	Grace Line U. S. Navy	Antof'gasta, Chile Balboa, C. Z	Cristobal, C. Z.			
Sambu 2	2	3	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	55	
Real ² Sona ²	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4	Pan Pan	Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Houston, Tex New York, N. Y. Balcimore, Md Cristobal, C. Z. Ternesen, Neth Cristobal, C. Z. New York, N. Y. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Bananas	38 30	
Anna N. Goulan- dris.		3	Greck.	Elliot Ship. & Land Co. Chile Nit. Sales Corp.	Antof'gasta, Chile	Tarayona	Nitrate	6,665	
Awata Maru 2	2 3 2 3 3 3	3	Jap	Nippon Yusen Kaisya United Molasses Co	Yokohama, Japan Pt. Allen, T. H. Balboa, C. Z. Honolulu, T. H.	Rotterdam, Neth.	(20)	$\frac{7,348}{13,166}$	
Athelduke 1 2 Emidio 1	9	3	Brit	Socony Vac. Oil Co.	Pt. Allen, I. H.	Aruba V W I	Molasses Ballast	15,100	
Lilloa	3	4	Amer	Matson Nav. Co	Honolulu, T. H.	Birkenhead, Eng. Aruba, N. W. I. New York, N. Y.	Raw sugar	7,590	
Point Arena	3	3	Amer	Calmar Line	Seattle, Wash	Wilmington, Del.	Lumber	5,866 8,352	
Pacific Ranger ² . Lieut, Col. H. C.	3		Brit	Furness, Withy & Co. U. S. Army	Portland, Oreg Balboa, C. Z	Liverpool, Eng Cristobal, C. Z	General	3,332	
Schumm. 4									
Llangollen Helga	3	5	Brit Dan	EvanThomasRadcliffe J. Lauritzen	Pt. Alberni, B. C. Talcahuano, Chile	United Kingdom.	Wheat, lum. Ore, gen	7,900 2,720	
Harboe Jensen 2		5	Nor	United Fruit Co	Golfito, C. R	New York, N. Y. Cristobal, C. Z.	Ballast		
Sofie Bakke 2	3 3	4	Nor	Knut Knutsen	N. Westm'er, B.C	Belfast, Ireland	Gen., lumber	7,115 6,565	
Lobos ² King Stephen ²		5	Brit	Pacific Steam Nav. Co	Corral, Chile	Liverpool, Eng.	Wheet lum	6,565	
Cucuta	4	4	Brit Colom.	Dodd, Thomson & Co. Colombian Govt	Victoria, B. C Balboa, C. Z	United Kingdom. Cartagena, Col.	Wheat, lum. Ballast	8,001	
Westmoreland	4	5	Brit	FederalSteamNav.Co.	Gisborne, N. Z	London England	Gen., refrig.	6,634 11,067	
El Mirlo ¹ ² San Gabriel	4	5	Brit	Lobitos Oilfields, Ltd. PacAtlantic S.S. Co.	Cabo Bl'co, Peru- Portland, Oreg	Ellesmere, Eng Newark, N. J Cristobal, C. Z.	Lumber	11,067 6,459	
Mussolini 2,	5	6	Pan	H. Obarrio	Dorion R P	Cristobal, C. Z.	Bananas	90	
Kenmar Colombia ²	5	5	Amer	H. Obarrio.	Los Angeles, Cal. B'ventura, Col Tocopilla, Chile.	Philadelphia, Pa. Cristobal, C. Z.		7,629	
West Ekonk	5	7 5	Pan Amer	Elliot Ship. & Land Co. Chile Nit. Sales Corp.	Tocopilla Chile	Jacksonville Fla	Coffee	1,150 8,000	
Cacique Krossfonn 1	4	6	Amer	Grace Line	Callao, Peru	Jacksonville, Fla. New York, N. Y.	(24)	3,487	
Krossfonn 1	5 5 5 5	5	Nor	Pecheloronn, Paris	La Liborted Ran	Donges, France	Crude oil	13,510	
Telde San Pablo	5	6	Hond Pan	United Fruit Co United Fruit Co	Openos C. R.	New Orleans, La.	Gen., bananas Ballast	959	
Draco ² Porto Bello ²	5	8	Neth	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(25)	530	
Porto Bello 2 City of San Fran-	5 5	5 7	Pan	A. Tagaropulos	Armuelles, R. P Quepos, C. R Guayaquil, Ecua. Darien, R. P Los Angeles, Cal.	New Orleans, La. Cristobal, C. Z Colon, R. P New York, N. Y.	Plant'ns, lum	5,886	
cisco.	υ	٠	Amer	Panama-Pacific Line.	Los Angeles, Cal.	New Tork, N. 1.	General	0,000	
Ogontz Katrina Lucken-	5 5	6 6	Amer	Blanehard Lumber Co Luckenbach Line	Seattle, Wash Seattle, Wash	Newark, N. J Mobile, Ala	Lumber General	6,375 7,041	
Nero	6	8	Neth	Royal Neth. S. S. Co.	B'ventura, Col	Cristobal, C. Z.	Coffee, hides	527	
Brandywine 1	5 5	6	Amer	Arrow Oil Co	Los Angeles, Cal.	Gulfport, Miss	Ballast		
Wm. L. Thomp- son.	5	6	Amer	Sudden & Christenson	Astoria, Oreg	Baltimore, Md	(26)	6,612	
Ebba 2	6	8	Pan	H. Obarrio	El Real, R. P	Cristobal, C. Z	Bananas	30	
	4	8	Amer.	U. S. Army	S. Francisco, Cal.	Brooklyn, N. Y.	Supplies	25	
Tuira ²	6 6	7 7	Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	S. Francisco, Cal. El Real, R. P Darien, R. P	Cristobal, C. Z Brooklyn, N. Y Cristobal, C. Z Cristobal, C. Z	Bananas	80 32	
Trajanus	6	8	Neth	Royal Neth. S. S. Co.	Talcahuano, Chile	Amsterdam, Neth	General	2,473	
Virginian	7	7	Amer		Portland, Oreg	Boston, Mass	Lumber, gen.	8,920	
1 77 1 0	3.6		1	T 0 T	10.77	0.00	3 35 0		

¹ Tanker. 2 Motor ship. 4 Tug. 8 Transport. 13 For orders. 14 Coffee, hides, bottles. 15 Sugar, copra, general. 16 Hemp, sugar, general. 17 Sugar, pincapples. 18 Coffee, wood, general. 19 Copper, bananas, coffee. 20 Canned goods, silk, general. 21 Wool, oats, general. 22 Crude oil and casinghead gas. 23 Lumber and wire rope. 24 Copper, concentrates, general. 25 Coffee, cocoa, general. 26 Lumber, grain, woodpulp.

PACIFIC TO ATLANTIC—Continued

	ived	ared	Nation-	Line	Po	Cargo		
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long
Sundanee	77 76 77 88 77 88 88 88 88 89 99 99 99 99 99 99 99 99	89 88 88 88 99 99 99 100 101 101 101 101 101 101 10	Amer. Amer. Amer. Brit. Jap. Greek. Amer. Pan. Pan. Brit. Amer.	Chile Nit. Sales Corp. Elliot Ship. & Land Co. Cur. Scheepv. Mij. Interocean S. S. Corp. Sun Oil Co. Royal Neth. S. S. Co. Livanos & Co. Yamashita K. Kaisya. AmerFor. S. S. Co. Maersk Line. U. S. Army. Shell Oil Co. Graee Line. Dutton Lumber Corp. M. A. N. Z. Line. Osaka Syosen Kaisya Chile Nit. Sales Corp. Luckenbach Line. Elliot Ship. & Land Co. J. Laffargue. Elliot Ship. & Land Co. J. Laffargue. Chile Nit. Sales Corp. U. S. Navy. Canadian Transp. Co. Grace Line. Chile Nit. Sales Corp. Loguster Sales Corp. U. S. Navy. Canadian Transp. Co. Grace Line. Chile Nit. Sales Corp. Agusto Bailey. Chile Nit. Sales Corp. J. Sales Corp. Lagusto Bailey. Chile Nit. Sales Corp. Agusto Bailey. Chile Nit. Sales Corp. Missui Bussan Kaisya Matson Nav. Co.	Iquique, Chile B'ventura, Col B'ventura, Col B'sentura, Col Balboa, C. Z. Seattle, Wash El Segundo, Cal. Illilo, P. I Guayaquil, Eeua. Masinloc. Kobe, Japan. Olympia, Wash. Iloilo, P. I Balboa, C. Z. Los Angeles, Cal. SanAntonio, Chile. Tacoma, Wash. Melbourne, Aust. Keelung, China Iquique, Chile Seattle, Wash. Darien, R. P. Darien, R. P. Darien, R. P. Darien, R. P. Calcutta, India. N. Westm'er, B. C. Tocopilla, Chile. Balboa, C. Z. Pt. Alberni, B. C. Guayaquil, Eeua. Antof gasta, Chile Darien, R. P. Iquique, Chile. Manila, P. I. Hilo, T. H.	Alexandria, Egypt Cristobal, C. Z. Curacao, N. W. I. Antwerp.Belgium Marcus Hook, Pa. New York, N. Y. Cristobal, C. Z. Philadelphia, Pa. Buenos Aires, Arg. Camden, N. J. New York, N. Y. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. New York, N. Y. London, England Mobile, Ala Cristobal, C. Z. Alexandria, Egypt Cristobal, C. Z. Alexandria, Egypt Cristobal, C. Z. Alexandria, Egypt Cristobal, C. Z. Alexandria, Egypt Cristobal, C. Z. Alexandria, Egypt Wew Orleans, La Baltimore, Md.	Nitrate. Coffee. Ballast. Lumber, gen. Gasoline. General. (18) Chrome ore. Soda ash.gen. Lumber. General. (19) Lumber. General. (10) Lumber. General. Oil, silk, gen. Nitrate. Lumber. Bananas. Bananas. General. (18) Nitrate. Lumber. Coffee. Nitrate. Sugar, gen. (19)	7,051 208 7,103 11,413 7,781 8,900 2,646 9,200 5,485 5,485 4,800 7,188 4,624 8,400 6,946 6,946 7,163 8,426 8,426 8,426 8,426 8,426 7,163 9,7,957

¹ Tanker. ² Motor ship. ⁸ Transport. ¹³ Gunboat. ¹⁴ For orders. ¹⁵ Balsa, cacao, tagua. ¹⁶ Kerosene, solvent. ¹⁷ Copper, fruit, ores. ¹⁸ Lumber, canned goods. ¹⁹ Sugar, canned goods. ¹⁹ Sugar, canned goods.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, at the following prices:

Per ton of 2,240 lbs.

•		1 01 0011 01	2,2 20 20
(a)	Coal delivered to vessels at Coaling Plants, trimmed in bunkers	Cristobal- Colon \$7.75	Balboa \$10.75
(b)	Coal delivered to vessels by lighters from Cristobal Coaling Plant, trimmed in bunkersA flat charge of \$52.50 for lighterage on any quantity	8.25	
	delivered will be made in addition to the basic price per ton.		
(c)	For sacking lump coal for galley use, or other grades of coal, in addition to the basic price per ton.		
	Labor, etcSacks, when furnished by Coaling Plant	3.00 2.00	3.00 2.00
	If delivery is made at points other than the Coaling Plant, an extra charge covering the cost of delivery		

Current Net Prices on Fuel Oil and Diesel Oil

will be made.

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, \$1.10 per barrel at Cristobal and Balboa; Diesel oil, \$1.90 per barrel at Cristobal and Balboa.

Traffic Through the Panama Canal During the Canal Year 1939, by Nationality

	No.		Tonnage		Tons	
Nationality	of ships	Panama Canal net	Registered gross	Registered net	Tolls	of cargo
Belgian British Chilean Colombian Danish Egyptian French German Greek Honduran Hungarian Italian Japanese Netherlands Norwegian Panamanian Peruvian Philippine Soviet Spanish Swedish United States	1,379 33 33 213 3 103 247 54 53 282 330 680 223 4 7 13 1 141 1.921	7,044,460 1,148,591 1,356 811,143 12,283 476,992 1,007,258 84,571 3,932 321,737 1,655,740 718,316 3,140,805 451,445 451,445 461,446 461,262 9,454,448	8,718 8,652,044 218,752 1,821 915,108 14,335 631,978 1,207,770 928,466 142,788 4,323 455,786 2,220,358 845,144 364,416 633,471 13,489 13,489 14,149 1,162,746	4,752 5,244,062 129,040 1,263 555,674 10,944 349,477 733,230 568,060 83,526 2,737 286,993 1,307,756 496,377 2,178,031 375,807 2,178,031 375,807 2,149,149 19,934 2,723 589,924 7,537,375	\$5,310.00 6,118,329.86 132,965.64 1,220.40 714.698.46 10,301.76 426,397.00 889,376.48 689,107.32 75,332.34 3,538.80 296,825,52 1,480,188.60 631,679.22 2,680,224.30 375,332.94 8,132.40 30,330.90 25,047.50 2,976.48 548,867.70	12,483 6,517,204 8,817,204 9,818,325 2,193 855,955 14,914 448,439 998,387 1,014,298 48,850 7,028 147,955 1,961,963 638,828 3,520,003 487,925 7,388 7,388 7,388 7,388 45,044 27,757
Yugoslav	62	265,150	323,875	200,850	223,445.88	326,923
Calendar year 1939	5,928	27,123,183	34,592,493	20,768,329	23,707,245.38	29,081,360
Calendar year 1938	5,626	1 25,862,677	32,882,874	19,699,818	22,608,555.25	26,227,268
Calendar year 1937	5,542	1 26,417,940	33,648,455	19,976,940	23,950,072.95	29,298,766

¹ Estimated tonnage under rules which became effective March 1, 1938.

Foreign naval vessels, other than transports, colliers, hospital ships, and supply ships, pay tolls at the rate of \$0.50 per ton displacement. Included in the preceding tabulation of transits and tolls, but not of tonnages, are the foreign naval vessels which transited the Canal during the calendar year 1939 and paid tolls on the basis of displacement tonnage, as follows:

Nationality	No. of vessels	Displace- ment tonnage	Tolls
British. French. Italian. Netherlands. Soviet.		93,631 7,775 18,843 999 5,635	\$46,815.50 3,887.50 9,421.50 499.50 2,817.50
Total.,	30	126,883	63,441 50

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal,

Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, saiking directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order

in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic

Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Note.—The above statement includes only ocean-going commercial traffic of 300 net tons or over, Panama Canal measurement.

Consular Officers Accredited to Canal Zone

Consular Officers Accredited to Canal Zone	
Name Title	Address
BELGIUM	
J. J. Henriquez Honorary Consul for Canal Zone	Colon
BOLIVIA Dr. Jorge Eduardo Boyd Honorary Consul General for Canal Zone	Panama
BRAZIL Jorge D. Arias F Honorary Consul for Canal Zone Pedro Ernesto Arias I Honorary Vice Consul for Canal Zone	Panama Panama
COLOMBIA	
Juan A. Calvo Consul General for Canal Zone from Balboa to Gamboa Jorge Castaño Castillo Consul General for Canal Zone from Cristobal to Gatun, including Gatun Lake	
COSTA RICA	
Juan Dávila Solera Honorary Consul General at Balboa for the Canal Zone Enrique Pucci Paoli Honorary Consul at Cristobal for the Canal Zone	
DENMARK	001011
Samuel Levy Maduro Honorary Consul for Canal Zone Colman Sasso Honorary Consul for Canal Zone	Panama Colon
DOMINICAN REPUBLIC	
Manuel de J. Quijano Honorary Consul General for Canal Zone H. J. Henriquez Honorary Vice Consul for Canal Zone	Panama Colon
EL SALVADOR Ernesto A. Boyd Honorary Consul for Cana Zone	n
Roberto Boyd Vice Consul for Canal Zone	Panama Panama
FINLAND	
Herman J. Henriquez Honorary Consul for Canal Zone	Colon
FRANCE	~
Pierre H. de la Blanchetai Consul for Canal Zone	Panama
GERMANY Ernest F. Neumann Honorary Consul for port of Balboa,	
Kurt Lindenberg Acting Consul for port of Canal Zone	Panama
and the Atlantic part of Canal Zone	Cristobal
Walther Schmidt Acting Consul for port of Cristobal and the Atlantic part of Canal Zone during the absence of Kurt Lindenberg on leave	
GREAT BRITAIN	
Douglas Gerald Rydings Consul for Canal Zone Vice Consul for Canal Zone	Panama Panama Colon
GUATEMALA	
Tomás Arias	Colon
HAITI	
Alfred Joseph Consul General for Canal Zone	Colon Panama

Name	Title	Address
	HONDURAS	
Juan Francisco Arias F	Honorary Consul at Balboa, Canal Zone	Panama
	HUNGARY	
Pedro Ernesto Arias I 1	Honorary Consul for Canal Zone	Panama
	JAPAN	
Yashichi Otani	Consul for Canal Zone	Panama
	MEXICO	
Silvio Salazar 1	Honorary Consul for Canal Zone from Cristobal to Gorgona	Colon
	NETHERLANDS, THE	
David M. Sasso l Julio A. Salas l	Honorary Consul General for Canal Zone Honorary Consul for Cristobal, Canal Zone	Panama Colon
	NICARAGUA	
	Consul General for Canal Zone Honorary Consul for Cristobal, Canal Zone	
	NORWAY	
Alan Neave Dodd	Consul for Canal Zone, except Balboa and Ancon-	Colon
	PERU	
	consul General for Canal Zoneor Consul for Cristobal, Canal Zone	
	POLAND	
Luis Fernando Prada	Honorary Consul for Canal Zone	Colon
	SWEDEN	
Capt. Hans Elliot Julio A. Salas	Consul for Canal ZoneHonorary Vice Consul for Canal Zone	Panama Colon

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which

are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and

gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native beef), fruits, steamships, carries a complete line of provisions, such as ice, meats, (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition,

Ample space exists at enter terminal of the Canal for the bertuing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides:

From Colon: Daily, 7:00 a. m.; 11 a. m.; 5 p. m.;

10 p. m. From Panama: Daily, 7:05 a. m.; 1:10 p. m.;

5 p. m.; 7:55 p. m.

The time required for passage from one terminal to the other is 1 hour and 25 minutes.

Binders for The Panama Canal Record

Cardboard covers, punched and fitted with brass fasteners forming binders for THE PANAMA CANAL RECORD are offered for sale at 25 cents a set, for the benefit of those who wish to keep a file of the issues for ready reference. Orders may be addressed to The Panama Canal, Balboa Heights, Canal Zone, or The Panama Canal, Washington, D. C.

THE PANAMA CANAL RECORD



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Volume XXXIII Balboa Heights, C. Z., February 15, 1940 No. 7

Traffic Through the Panama Canal in January 1940

The total vessels of all kinds transiting the Panama Canal during the month of January 1940, and for the same month in the two preceding years, are shown in the following tabulation:

	J	January 1940	January		
	Atlantic to Pacific	Pacific to Atlantic	Total	1939	1938
Ocean-going commercial traffic. Small commercial vessels ¹ . Noncommercial vessels:	237 49	229 42	466 91	525 90	444 69
United States Government Colombian Government For repairs		18 1	43 1	147	$\begin{array}{c} 60 \\ 2 \\ 2 \end{array}$
Total	311	290	601	764	577

¹ Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC 2

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve months ended January 31, 1940, as compared with the twelve months ended January 31, 1939:

Month No. of vessels				Canal net nage	Tons	of cargo	Tolls		
	1939-40	1938-39	1939-40 3	1938-39 4	1939-40	1938-39	1939-40	1938-39	
February March April May June July August September October November December January	553 496 506 479 485 490	436 506 487 465 445 429 468 438 494 505 509 525	2,282,318 2,586,580 2,278,326 2,341,894 2,268,679 2,254,398 2,247,009 2,119,418 2,068,665 2,178,556 2,178,556 2,116,424 2,056,568	1,993,000 \$2,311,526 \$2,258,836 \$2,150,228 \$2,064,793 \$1,933,816 \$2,177,699 \$2,005,241 \$2,276,194 \$2,302,333 \$2,336,011 \$2,380,916	2,206,963 2,664,068 2,472,504 2,538,949 2,437,087 2,317,697 2,385,039 2,445,700 2,386,314 2,472,503 2,361,176 2,337,943	1,998,827 2,268,548 2,279,235 2,309,171 2,122,389 2,025,660 2,171,674 1,998,464 2,359,673 2,223,830 2,374,395 2,393,360	\$1,996,735.66 2,252,156.28 1,999,851.16 2,053,502.16 1,977,431.94 1,974,380.72 1,964,776.48 1,855,574.22 1,815,210.24 1,915,075.38 1,840,906.98 1,795,241.88	\$1,786,611.45 2,015,585.34 1,961,456.58 1,886,825.66 1,801,291.78 1,694,205.00 1,890,050.74 1,741,895.40 1,977,706.76 1,984,014.72 2,031,017.04 2,062,454.16	
Total	5,869	5,707	26,798,835	26,190,593	29,025,943	26,525,226	23,440,033.10	22,833,114.69	

² Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.
³ Panama Canal net tonnage as figured under rules which became effective March 1, 1938.

⁴ Estimated tonnage under rules which became effective March 1, 1938.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of January 1940. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific. Pacific to Atlantic.	49 42	1,901 1,709	\$1,439.28 1,534.86	758 2,036
Total	91	3,610	2,974.14	2,794

Traffic by Nationality of Vessels 5 for January 1940

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
British	91	494,626	\$418,346,46	405.249
Chilean	3	15,043	13,538.70	13,538
Colombian	4	1,808	1,545.84	1,539
Danish	18	54,960	49,464.00	63,800
Finnish	2	4,194	3,397.14	4,200
French	9	40,099	34,897.32	45,985
Greek	17	73,214	65,159.28	119,810
Honduran	4	5,831	5,247.90	3,858
Italian	5	35,702	32,212.80	21,227
Japanese	27	156,366	140,729.40	172,465
Mexican	1	763	686.70	1,203
Netherland	26	34,496	30,736.62	28,884
Norwegian	49	220,617	189,846.90	249,885
Panamanian	22	39,913	35,055.90	54,628
Peruvian	2	2,913	2,621.70	2,936
Philippine	1	4,805	4,324.50	8,463
Spanish	3	11,855	9,279.72	7,100
Swedish	111	44,544	38,511.36	67,040
United States	171	814,819	719,639.64	1,066,133
Total	466	2,056,568	1,795,241.88	2,337,943

⁵ Tolls-paying vessels of 300 or more net tons, Panama Canal measurement.

Traffic by Trade Routes for January 1940

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

	A	tlantic to P	acific	Pacific to Atlantic			
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo	
United States intercoastal	38	184,065	191,326	55	274,266	424,519	
Canada	1	1,774	3,300	1	1,354	2,557	
Central America/Mexico	8 26	16,108 109,296	22,938 38,340	$\frac{3}{26}$	5,151 106,425	124 228,111	
South America Balboa	20	109,290	35,340	1 20	4.797	2,600	
Hawaiian Islands	3	13,529	15,325	5	22,531	38,299	
Australasia	7	39,745	48,492			l	
Philippine Islands	9	50,474	52,185	10	50,633	74,186	
Far East	32	162,734	247,166	12	67,629	73,972	
East coast Canada and: South America	1	794					
Australasia	6	35.365	35,586	1	5,575	7.188	
Central America/Mexico intercoastal	1	6,204	12,126	ī	6,204		
East coast Central America/Mexico and Far East	1	4,480	7,000				
South America intercoastal	6	7,283	3,723	2	2,271	864	
East Coast South America and: United States	1	5.180	3,868	2	5,853	8,698	
Canada	2	9,132	10,742	4	0,800	0,098	
Balboa.	l ĩ	4,797	2,800				
Far East	3	18,987	13,112	1	4.622	2,646	
Cristobal and:							
United States	1	5,178		1	5,178	9,000	
Central America/Mexico South America	5 15	3,870 12,978	3,819 13,223	$\frac{6}{20}$	5,596 16,561	2,319 16,193	
West Indies and:	10	12,978	13,223	20	10,501	10,195	
United States	1	3,864		3	9,130	16,075	
Canada				3	4,664	7,099	
South America	2	8,938	14,857				
Balboa	3	12,269	26,575	2	6,834	7 700	
Far East Europe and:				1	4,493	7,780	
United States	- 11	57,587	28,346	2	9,500	12.390	
Canada	26	131.694	5,580	28	148,673	220,025	
South America	14	65,654	23,529	27	126,796	200,634	
Hawaiian Islands				1	6,324	13,165	
Australasia	8	66,680	15,491	7	48,945	47,012	
Far East. Egypt and west coast South America.	2	11,751	15,335	2 5	11,231 19,463	13,754 35,734	
Around the world	2	14,646	11,523	1	6.038	6,692	
Foreign vessels in ballast (United States intercoastal).	1	4,775	12,020				
Total	237	1.069.831	866,307	229	986.737	1,471,636	
		-,000,001	000,001		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, 2. 2 , 500	

Origin and Destination of Cargo by Major Areas, January 1940

The following table summarizes the origin of cargo passing through the Canal in January 1940, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	United States	Other North America	Asia	South America	Austral- asia	Total
North America: United States Other North America Europe Miscellaneous Total	199,203 2,508 26,201 14,141 242,053	40,469 44,489 7,159 3,521 95,638	310,960 7,044 10,377 8,746 337,127	37,049 31,360 20,736 2,775 91,920	47,608 37,190 14,771 99,569	635,289 122,591 79,244 29,183

PACIFIC TO ATLANTIC

Origin	United States	Other North America	Europe	Miscel- laneous	Total
North America: United States. Canada. Other North America South America Australasia Asia	417,348 2,557 41,257 223,152 2,567 146,704	33,676 5,406 2,249 28,122 5,183 11,400	80,695 151,504 15,804 192,092 46,450 8,891	16,603 803 38,293	548,322 160,270 59,310 481,659 54,200 167,875
Total	833,585	86,036	495,436	56,579	1,471,630

Principal Commodities

Commodities which aggregated 10,000 or more tons either during January 1940, or in January 1939, are listed below:

G III	Janu	ary	Commodity	January		
Commodity	1940	1939	Commodity	1940	1939	
Attantic to Pacific			Pacific to Atlantic—Continued			
Ammonium compounds	13,682	3,190	Cold storage (food products)6	25,225	32,493	
Automobiles and parts	16,805	20,931	Copra	17,397	15,803	
Cement	8,753	14,076	Cotton, raw	16,384	8,48	
Coal and coke	14,787	4,792	Flour	20,691	12,19	
Cotton, raw	31,496	20,380	Fruit, dried	23,823	22,64	
ron and steel	159,120	123,141	Fruit, fresh 7	9,197	47,89	
Machinery	20,540	10,634	Lumber	310,257	307,23	
Metals, various	66,232	29,536	Metals, various	65,404	51,74	
Oils, mineral	144,842	98,538	Molasses and syrups	13,188	1,29	
Paper	47,548	35,078	Nitrates	180,564	122,30	
Phosphates	10,806	32,808	Oats	8,407	15,73	
Scrap metal	55,879	95,972	Oils, mineral	165,380	221,91	
Sulphur	23,272	14,597	Oils, vegetable	19,238	14,19	
Tinplate	22,705	16,703	Ores	144,410	140,07	
			Rice	11,843	1,57	
Pacific to Atlantic			Rubber, raw	20,786	2,43	
,			Soy beans	1,805	17,38	
Barley	11,956	26,844	Sugar	106,520	89,96	
Beans, edible, dry	10,926	13,646	Wheat	38,859	192,70	
Canned food products	78,476	118,478	Wood pulp	29,816	22,2	
Coffee	14,330	16,390	Wool	12,598	14,8	

⁶ Does not include fresh fruit.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of January 1940, as reported in the cargo declarations showing the movement by direction, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise, but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

⁷ Does not include bananas.

Commodity	United	l States oastal		or all trade including itercoastal	
Commodity	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic	
ircraft and parts. gricultural implements	719	26	117 2,084	2	
lfalfa meal .mmonium compounds .nimal foods ⁸ .pparel, wearing (hats, shoes, clothing, etc.)	235	399 126 4	13,682 15 109	5:	
pparet, wearing (nass, snoes, crotning, etc.) shestos sphalt and tar utomobiles (and autotrucks) utomobile parts and accessories	436 152 1,008	75	3,588 5,994 12,294	1,2	
untomobile parts and accessories lags and bagging, textile lamboo and products.	336	121 14	4,511 342	9	
hamona and products bananas . barks, miscellaneous . barley .		23 36	32	$2,\frac{3}{3}$ $11,9$	
eans, edible, dry eer	147 109	6,532	203 355	10,9	
llood and tankage oncs and bone meal ooks and printed matter		366	2,827	3	
orax ran and pollards ricks and tile	258	412	198 2,352	6,0 3,0	
amphor, crude. anned and preserved goods: Fish	295	8,888	891	23,€	
Fruit. Meat Milk.		17,492 50 16	1,739 1,619 155	34,1	
Soup. Vegetables Miscellaneous and unclassified.	2,741 311 1,874	7,920 9,625	2,766 341 1,922	8,8 10,8	
arbon black elite ement	234	73 139	721 8,753	1	
halk hemicals ⁸ lay, china and fire	3,646 1,128	325 65	9,288 1,323		
Clay, filtering. Oal Ocoa and cacao beans Oconuts and products ⁸	1,904	260	461 9,930 1,195	1,7	
oconuts and products ⁸ . Offee. Oke. Old storage and refrigerated products:	88	1,287 S5	180 7,115 4,857	2,8 14,5	
Dairy products	44	1 10	320	14,	
Fish Lard Meats	476	53	237 585 28	9,0	
Vegetables. Other and unclassified. Confectionery.	1.433	77 248 55	70 1,538		
opra opra meal and cake orn	42		442	9,1 8,2	
otton, raw reosote rugs and medicines	146	538	31,496 7,981 1,452	16,3	
yes. arthenware. ggs, dried. lectrical apparatus and appliances.		13 32	505 161	2	
namel and metalwarexplosives	1,495 644	270 112	3,015 703 24	3	
xtract, quebracho. ertilizers ⁸ ish, salted or dry-cured.		27	2,277 1,081 .9	2,0	
ish meal loor coverings lour	2,566	867 14,850	2,816 380	3,9 1,0 20,6	
ruit, dried. ruit, fresh ^s urniture and household goods.	297	9,919 563 61	765 369	23,8 9,1	
encral	8,817 1,235 53	$2,840 \\ 71 \\ 22$	46,801 2,368 55	9,9	
rains ⁶ . roceries. uuus.	1,818	891 632 203	$\frac{218}{2,424}$	1,1 1,3 6	

⁸ Except as otherwise classified.

$\mathbf{Commodity}$		d States coastal	routes	or all trade including itercoastal
Commonly	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Hair, all kinds.	25	102	25	296
Hay Hemp, unmanufactured	6	152	79	3,200
Honey		141		. [268
Hops. Horns and hoofs.			46	10
Infusorial earth Iron and steel, manufactures of (structural steel, plates, bars, angles,		374		1,079
pipe, ctc.)	84,318	297	159,120 43	490
Ivory nuts Jute, unmanufactured Lard substitute			2	1,714
Lime	455		460 432	21
Liquors Lumber (inclding manufactured mill products)	2,713 1,712	179,911	3,811 5,872	310,257
Machinery Malt	2,000	146	20,540	472
Manufactured goods 8	8,694	381	226 17,574	100 1,973
Marble and granite	75 387	69	165 406	69
Metals: Antimony	001		100	
Copper Gold and silver	447	16 215	34,330	39,066
Iron	5,032	20	20 11,328	126 32
Lead Tin	52 600	1,020	10 899	13,100
Zinc Other and unclassified	45	102	3,278 3,071	2,448 9,903
Milk, powdered	239 16	102 206	3,382 16	687 363
Molasses and syruns	179 19	23	195 1,977	13,188
Nitrate Vuts, edible (including meats) Dats		306	27	180,564 630
Oils, mineral:	42	369	60	8,407
Crude	• • • • • • • • • •	33,535	$15,528 \\ 62,595$	46,681
Gas and fuel Gasoline, benzine and naphtha Kerosene	• • • • • • • • • • • •	30,032	23,763	42,536 55,419
Lubricating and greases	14,012	8,118 380	217 42,596	15,777 $1,125$
Other and unclassified	16	3,593	143	3,842
Coconut Cottonseed.			6	10,757
Linseed	47		457 147	
Olive Peanut	12 17	18	103 17	18 948
Rapeseed. Teaseed.				979 10
Wood Other and unclassified	11	42	216	2,488
il, fish ilseeds (cotton, flax, hemp, sesame, rapeseed, etc.).	53	33 1,591	219	4,038 3,310
diseed cake and meal	3,825	206	3,705 3,844	340 8,251
res: Antimony	0,020		0,011	
Chrome.				1,401 12,800
Gold and silver			461	8,361 1,288
Lead	162		207	107,525
Magnesite. Manganese		890		47 890
Tin	80	490	342	1,490 5,453
Other and unclassified	198	57	978	2,500 2,655
aints and varnishes. aper and paper products 8.	1,204	57	2,533	80
eanuts	9,586 487	7,844	47,548 487	9,312
eas, dry eatmoss		65	200	1,047
aster	468		10,806	
orceiainware	151	17	100 314	1,782
otash	12	7,966	3,733	9,419 135
	368	61	1,059	1,038
allroad material	174			
ailroad material	174 454 281	81	9,424 541 330	123 11,843 137

Commodity		l States coastal	routes i	all trade ncluding tercoastal
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rosin Rubber: Manufactured Raw Scrap Salt Sand Seeds (except oilseeds) Shells, all kinds Silk, raw Skins and hides Slate Soaps and products	1,081 834 98 142 12 45 45 49 478 550 1,684 142 298 380 997 72 77 2,716 3,173 3,173 3,173 198 305 11 17	512 1,336 458 237 139 1,155 122 90 5 9,854 41 845 3 210 262 769 52	3,453 1,787 118 746 1,185 12 55,879 244 1,304 5,500 1,891 319 1,250 1,513 997 132 23,272 27 72 156 6,835 22,705 6,682 511 355 17 182 364 373	958 20,786 37 1,336 60 5511 813 2511 1,662 2,502 356 1,274 90 74 1,805 309 106,520 1,787 1,779 5,626 2794 72 331 369 369 38,859
Wines	386	1,215 21,272 836	731 9,385 2,020	1,323 29,816 12,598
Total, January 1940	199,203	417,348	866,307	1,471,636
Total, January 1939	165,971	381,935	752,025	1,641,335
Total, January 1938	153,050	321,302	603,175	1,492,227

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of January 1940:

		Atlantic to Pa	cific		Pacific to Atlantic			
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo		
United States intercoastal	4	22,234	9,325	8	43,848	75,248		
Balboa Far East		12,032	24,538	1	4,797	2,600		
East coast Canada and South America	ī	794	l					
Central America/Mexico intercoastal South America intercoastal	1	6,204	12,126	1 1	6,204 1,617			
East coast South America and Balboa	1	4,797	2,800					
Cristobal and United States	1	5,178		1	5,178	9,000		
United States	1	3,864		2	8,367	14,872		
South America Balboa Surope and:	3	7,468 12,269	13,905 26,575	2	6,834			
United States	3	17,543	107,981					
South America	4	22,892		5 1	$ \begin{array}{r} 31,729 \\ 6,324 \end{array} $	62,210 11 13,165		
Total	22	115,275	97,250	22	114,898	177,095		

¹⁰ Creosote. 11 Molasses.

⁸ Except as otherwise classified. ⁹ Cotton, silk, wool, rayon goods.

Comparison of Canal Traffic in January 1940, with January Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

		Month of Jan	пагу		Average per month for fiscal year				
Calendar year	year No. Panama Tons of Canal net of transits tonnage cargo		Fiscal year	No. of transits	Panama Canal net tonnage	Tons of cargo			
1915. 1916. 1917. 1918. 1919. 1920. 1921. 1922. 1923. 1924. 1925. 1927. 1929. 1930. 1931. 1932. 1934. 1935. 1936. 1937. 1936. 1937. 1938.	12 96 14 1 164 149 163 254 272 202 345 471 395 525 525 525 377 523 479 425 472 399 425 472 399 425 472 473 474 475 475 479 425 475 477 478 479 479 479 479 479 479 479 479 479 479	(GOO omitted) 312 499 458 462 857 1,012 783 1,489 2,220 1,812 2,128 1,962 2,209 2,562 2,201 1,870 1,870 1,872 2,122 2,387 1,912 2,387 1,912 2,387 1,772 2,122 2,380 1,772 2,230 1,772 2,230 1,772 2,053 2,381	(000 omitted) 426 1 640 553 530 924 1,177 1,592 2,427 1,907 2,346 2,240 2,371 2,106 1,594 1,462 2,086 1,945 2,149 1,856 2,095 2,393 2,338	1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1929 1930 1931 1931 1932 1933 1934 1935 1936 1937 1938	13 100 60 145 165 162 199 232 222 325 325 429 382 424 441 521 524 450 434 47 364 486 487 492 449 467	(000 omitted) 334 184 447 506 472 659 879 880 1,434 2,016 1,761 1,909 2,020 2,269 2,299 2,310 2,140 1,820 1,758 2,201 2,140 2,143 2,160 2,139 2,163 2,264	(000 omitted) 466 258 558 627 576 781 966 907 1,631 2,249 1,996 2,111 2,468 2,554 2,502 2,089 1,553 2,059 2,109 2,209 2,209 2,207 2,282 2,382		

¹² Canal opened August 15, 1914. ¹³ Canal closed part of month due to slides. ¹⁴ Average for 10½ months of fiscal year ended June 30, 1915.

Terminal Activities

Ships repaired during the month of January 1940 numbered 63. Vessels released from drydock numbered 6. Fuel oil amounting to 451,839 barrels was delivered as bunkers to 203 ships. Bunker coal amounting to 9,040 tons was delivered to 30 commercial ships. Sales of commissary supplies to ships aggregated \$54,453.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving tons Local cargo shipped tons Cargo received for transshipment tons Cargo transshipped tons "Cango transshipped tons" "Canal Zone for Orders" cargo:	36,774 1,873 63,446 63,007	20,205 419 1,333 1,273	56,979 2,292 64,779 64,280
Number of receipts issued. Number of releases issued. Tons received. Tons withdrawn.	63	30 80 17	93 107 72

All Vessels Entering and Clearing Port

		Port of Cris	tobal	Port of Balboa			
	No.	Registered	Registered	No.	Registered	Registered	
	of	gross	net	of	gross	net	
	ships	tonnage	tonnage	ships	tonnage	tonnage	
Ships entering All vessels, including those transiting Canal. Vessels entering port but not transiting Canal. Vessels transiting Canal and handling passengers and cargo at terminal ports.	534	2,985,931	1,764,797	498	2,736,131	1,640,592	
	74	311,399	173,535	19	48,815	30,557	
	129	687,509	402,916	73	467,677	274,487	
Ships clearing	-						
All vessels, including those transiting Canal. Vessels clearing port but not transiting Canal. Vessels transiting Canal and handling passen-	532	2,933,951	1,735,718	498	2,748,717	1,648,807	
	71	294,240	163,158	17	48,884	29,986	
gers and cargo at terminal ports	130	667,386	393,406	72	466,507	273,833	

Knute Nelson, 109, 82

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month of January 1940. Figures after names of vessels show, respectively, tons discharged and tons laden:

Liberty, 1,781, 88 Balboa, 100, 536 Laurits Swenson, 63, Tai Yang, 0, 4 Alma Bush, 0, 5 Ciss, 807, 1,237 West Ivis, 230, 89 196 Kinka Maru, 432, 0 Tachira, 305, 0 Amerika, 107, 112 Ville D'Amiens, 7, 1 Istmo, 204, 637 Merchant, 300, 0 Merchant, 300, 0 Fella, 1,209, 20 Jamaica, 107, 795 Choluteca, 483, 17 Cellina, 995, 177 Contessa, 678, 150 Notos, 826, 2 Idraet, 190, 0 Santa Lucia, 242, 35 Contessa, 678, 150 Kirsten B., 0, 927 Mars, 358, 1,284 Santa Inez, 479, 1 Acajutla, 314, 0 Platano, 2,238, 91 Cottiea, 113, 2,124 R. L. Hustler, 2, 0 Orotava, 245, 947 Awata Maru, 0, 106 Grant, 191, 4 Ancon, 6,808, 582 Harboe Jensen, 0, 654 Tachira, 0, 738 Telde, 72, 321 Veragua, 352, 657 Douro, 0, 395 Orotava, 245, Prusa, 280, 72 Talamanca, 2 City of San Francisco, Lobos, 0, 654 Talamanca, 284, 198 City of San Francisco, Lobos, 0, 654 606, 11 Meigs, 809, 68 Colombia, 1,263, 691 Draco, 595, 432 Ulua, 1,148, 2 Istmo, 27, 200 Copiapo, 1,178, 2 458 Orduna, 247, 3 City of Newport News, Orduna, 247, 3 Virgilio, 653, 20 Ino, 123, 415 1,580
Comayagua, 708, 30
Santa Clara, 328, 27
Reinholt, 139, 0
Hokuroku Maru, 656, Nanman Maru, 505, 0
50
Cefalu, 555, 332
Musa, 2, 0
Pereira, 713, 715
Abangarez, 1,282, 6
Heranger, 3, 0

Company of the company of th Hokuroka 50
Musa, 2, 0
Pereira, 713, 715
Abangarez, 1,282, 6
Panama, 3,816, 561
Colombia, 777, 969
Musa, 1, 0
Santa Barbara, 622, 33
Acajutla, 0, 572
Araby, 368, 328
Manto, 285, 176
Sachoeles, 0, 1
San Mateo, 1,140, 238

Sauta Marta, 679, 403 Turrialba, 1,448, 27 Kiyokawa Maru, 577, 0 Helga, 0, 4 Frida, 0, 10 Ganymedes, 976, 4,159 Augustus, 34, 456 Augnstus, 34, 456 Comayagua, 0, 565 Draco, 632, 716 Chiriqui, 377, 610 Olancho, 943, 10 Massmar, 726, 0 City of Norfolk, 362, 0 Nemours, 0, 705 Sona, 0, 62 Sona, u, oz Contessa, 714, 258 President Garfield, 1, 3 Platano, 1,964, 4 Sauta Elena, 279, 43 Naruto Maru, 198, 0 Sona, 0, 31 Chirripo, 0, 1 O. A. Brodin, 0, 4 Tacoma, 0, 7 Sorholt, 0, 1 Dagfred, 0, 1 Ludington, 240, 270 Axel Johnson, 95, 431 Sagittaire, 20, 1 West Cactus, 123, 267 Cefalu, 412, 291 Santa Rita, 336, 20 Damsterdijk, 0, 416 City of Baltimore, 505,

Pasajero, 17, 3 Percira, 401, 210 John Bakke, 90, 0 Colombia, 778, 508 Sau Anselmo, 11, 0 Istmo, 1, 0 Dramatist, 1, 0 City of Los Angeles, 5, Santa Inez. 439, 36 Maranon, 0, 107 A-400 (barge), 0, 16 Manto, 395, 542 Imperial, 3, 0 Real, 0, 35 Francis R. Hart. 0, 2 Kano Maru, 808, 0 San Felipe, 1,012, 8 Cristobal, 3,755, 963 Doros, 146, 292 Santa Maria, 290, 19 Real, 0, 7 Silverelm, 0, 1 Silversandal, 0, 4 Amerikaland, 0, 8 Selma, 0, 1 San Pablo, 321, 1.659 Notos, 5, 588 Jamaica, 84, 809 Salvador, 368, 393 Colombia, 671, 875 Barge, 39, 0 Toloa, 844, 35 Cadmus, 1,197, 59 Venezuela, 375, 458 Tachira, 1,192, 652 Mataroa, 1, 0 West Harshaw, 1, 271 Nero, 216, 403 Grenanger, 80, 26 Talamanca, 331, 506 Gertrude Maersk, 835, 479 Buenos Aires Maru, 0, Maui. 6. 0

Istmo, 0, 13 Ancon, 4,529, 259 Sessa, 0, 9 Maine, 765, 20 Wranie, 765, 20 Veragua, 13, 1,008 Kirsten B., 725, 602 Aconcagua, 32, 7 Texas, 1, 0 Talamauca, 1, 0 Orotava, 1, 0 Oregonian, 7, 0 A-400 (barge), 0, 20 Sixaola, 1,025, 278 Silverpalm, 1,004, 0 Shverpatti, 1,004, 0 Draco, 290, 172 Sonora, 55, 0 Stuyvesant, 776, 69 Argentina Maru, 1, 1 Nemours, 752, 0 Heiyo Maru, 0, 1 Herstein, 0, 4 Contessa, 284, 26 Kirsten B., 0, 12 Santa Lucia, 522, 7 City of San Francisco, 7, 0 Doros, 708, 0 American Press, 1,383. Santa Clara, 308, 24 Lotta, 1, 0 Lotta, 1, 0 Dramatist, 4, 0 Wyoming, 144, 1,826 Quirigua, 502, 373 Sona, 0, 7 Laura Maersk, 0, 7 Fernbank, 0, 2 Comayagua, 776, 469 Tuyama Maru, 459, 85 Missourian, 5, 0 Panama, 11, 0 Platano, 2,362, 5 Kungsholm, 11, 0 Loriga, 0, 22 Tanja, 1, 5

BALBOA

Louisianan, 3,434, 0 Sauta Incz, 1, 15 Remuera, 1, 0 Heiyo Maru, 209, 22 Liberty, 5,401, 0 Meigs, 1,322, 119 Tachira, 0, 25 Kinka Maru, 2, 0 Reinholt, 1, 0 Santa Clara, 9, 2 Copiapo, 0, 2 Nightingale, 38, 713 Arcata, 3,950, 0 Cathwood, 52, 0 Orduna, 0, 3 Asakasan Maru, 1, 0

Port Chalmers, 0, 1 Acajutla, 0, 1 Losada, 0, 1 Ludington, 86, 4 Margrethe Bakke, 1, 0 press, 580, 3 British Colombia Express, 402, 5 Vibran, 1,405, 0 Maui, 0, 1 City of Los Augeles, 2, Acajutla, 3, 0 Pirre, 45, 0 Indianan, 1, 0 City of Baltimore, 219, Esso Panama, 166, 0 Salvador, 0, 15 Santa Inez, 283, 10

Santa Lucia, 229, 3 Grant, 128, 1 City of San Francisco, 160, 0 City of Newport News, 0, 2 Kirsten B., 0, 2 Peter Maersk, 212, 10

Washington Express, Gertrude Maersk, 191, Augustus, I, 0 Draco, 0, 308 45, 6 0
Oregon Express, 257, 7 British Colombia Ex- Santa Barbara, 227, L. P. St. Clair, 134, 0 125 City of Norfolk, 202, 0 Buenos Aires Maru, 0, 7 Santa Maria, 5, 1 Virgilio, 0, 1 Tuira, 0, 11 Hakusan Maru, 0, 3 Imperial, 2, 0 Santa Elena, 163, 6 Kano Maru, 2, 0 Santa Lucia, 37, Cuba Maru, 1,035, 147 Kirsten B., 0, 14 Salvador, 2, 0

Laila, 0, 8

Argentina Maru, 52, 52 Colombia, 0, 2 John Bakke, 88, 0 California Express, 746, 32 Aconeagua, 1, 0 Colombia, 0, 2 City of San Francisco, 3, 2

Santa Lucia, 37, 2

Note.—Figures shown represent short tons of 2,000 pounds.

Passengers

During January 1940, ocean-ship passengers debarking at Cristobal numbered 2,051, embarking 1,197; at Balboa, 831 debarking and 433 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 3,361, from the Pacific to the Atlantic, 613. Commercial aircraft numbering 77 entered Cristobal with 354 passengers debarking; clearances were 78 with 381 passengers embarking. Balboa entries of aircraft numbered 56, with 166 passengers debarking; clearances were 56, with 191 passengers embarking.

Movements of Ocean Vessels Through the Panama Canal From midnight January 10, 1940, to midnight February 10, 1940

ATLANTIC TO PACIFIC

				ATLANTIC	TO PACIFIC			
	rrived	leared	Nation-			ort	Cargo)
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Jefferson Myers Tai Yang 2	10 10		Amer Nor	Charter Corp. of Amer. Barber-Wilhelmsen	New Orleans, La. Baltimore, Md	Kobe, Japan	(13) Conorol	9,562
Monte Teide	10		Span	Naviera Aznar	Barry, England	Shanghai, China. Iquique, Chile	General Ballast	
Nako Maru 2			Jap	Nippon Yusen Kaisya	Boston, Mass.	Kobe, Japan	General	7,736
Kaikoura 2	11		Brit	Nippon Yusen Kaisya M. A. N. Z. Line	St. John, N. B	Brisbane, Aus'lia.	General	6.634
Norbris 1 2	11		Pan	Standard Oil of N. J	St. John, N. B Aruba, N. W. I New York, N. Y. Middlesbr'h, Eng.	Brisbane, Aus'lia Balboa, C. Z Seattle, Wash	Fuel oil	12,068
Pomona	11		Amer	Pac. Coast Dir. Line.	New York, N. Y.	Seattle, Wash	General	6,184
Siris	12		Brit	Royal Mail Lines Isthmian S. S. Lines.	Mobile, Ala	Los Angeles, Cal. Seattle, Wash	Ballast Steel, gen	3,100
Shickshinny H. D. Collier 1	12	12	Amer.	Standard Oil of Calif.	New York, N. Y.	Los Angeles, Cal.	Ballast	
Kanto Maru 2	12	12	Jap	Osaka Syosen Kaisya	Boston, Mass	Kobe, Japan	Gen., steel	8,348 2,740
Santa Barbara 2	12		Amer	Grace Line	New York, N. Y. Baltimore, Md	SanAntonio, Chile	General	2,740
Steelore	12 12		Amer	Ore S. S. Corp	Baltimore, Md	Cruz Gr'de, Chile	Ballast	5,686
Nightingale Hakusan Maru	11	14 13	Amer	Grace Line	New York, N. Y. Liverpool, Eng	Valparaiso, Chile. Yokohama, Japan	General Lub. oil, gen.	
Avelona Star	13	14	Brit	Blue Star Line	London, England	New Zealand	Ballast	0,000
Colombia 2	11	13	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col	General	900
Yaka	13	14	Amer	Freeport Sulphur Co.	New Orleans, La.	Fremantle, Aust	Sulphur	6,750
Acajutla	12	13 14	Neth Brit	Royal Neth. S. S. Co. Pacific Steam Nav. Co	Cristobal, C. Z Cristobal, C. Z	B'ventura, Col Champ'ico, Guat.	General	175 597
Araby 2	12	14	Brit	Royal Mail Lines	London, England	Vancouver, B. C.	(14)	5,105
Fortuna 2	13		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z	Ballast	
Araby ² Fortuna ² Mussolini ² Col. Riche ⁵	12		Pan	H. Obarrio	Cristobal, C. Z.	Vancouver, B. C. Balboa, C. Z Balboa, C. Z Gatun, C. Z	Ballast	
K. I. Luckenbach.	13	14	Amer	U. S. Army Luckenbach Line	Cristobal, C. Z.	Gatun, C. Z	Tow. barge	3,137
Arizonan	14	14	Amer.	AmerHawaiian Line.	Boston, Mass Boston, Mass	Seattle, Wash Seattle, Wash	General	3,659
Tamaura Maru	14	14	Jap	Yamashita K. Kaisva	Buenos Aires, Arg.	Yokohama, Japan	Gas., cotton.	6,401
Pacific Star	14	14	Brit	Blue Star Line	Buenos Aires, Arg. Cardiff, Wales	Williamsh'd, B.C.	Rollast	
West Ivis	14	15	Amer	MeCormiek S. S. Co.	Buenos Aires, Arg.	Vancouver, B. C.	Coffee, gen	6,742
Ebba ²	13		Pan Pan	H. Obarrio Elliot Ship. & Land Co.	Cristobal, C. Z.	Vancouver, B. C. Balboa, C. Z Balboa, C. Z	Ballast	
Sambu 2	13		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Pirre ² . Sambu ² . Wanderer ⁵ .	l - : _		Amer	H. Z. Brazeal	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Balboa, C. Z Balboa, C. Z	Ballast General	
Sorholt 2. Buenos Aires Maru. 2	15	15	Nor	De La Rama S. S. Co.	Baltimore, Md	Shanghai, China.	General	3,699
Maru. 2	15	16	Jap	Osaka Syosen Kaisha	Buenos Aires, Arg.	Kobe, Japan	Gen., coffee.	4,175
Atutasan Maru 2	15	15	Jap	Mitsui Bussan Kaisya	New York, N. Y.	Kobe, Japan	Gasoline	7,500
S-44 7		1.:2	Amer	U. S. Navy	New York, N. Y. Cristobal, C. Z. New York, N. Y.	Balboa, C. Z Taleahuano, Chile	Ballast General	
Selma Taybank ²	15 15	15 15	Dan Brit	Wessel, Duval & Co	New York, N. Y. Philadelphia, Pa.			1,512
Oteel Trader	15	16	Amer.	Bank Line, Ltd Isthmian S. S. Lines	Baltimore, Md.	Hongkong, China Singapore, St. Set.	Steel, gen General	2,172 7,890
Sona 2	13		Pan	Elliot Ship. & Land Co.	Cristobal, C.Z	Balboa, C. Z	General	23
Porto Bello 3	15	15	Pan	A. Tagaropulos	Baltimore, Md Cristobal, C.Z Cristobal, C.Z Cristobal, C.Z	Hongkong, China Singapore, St. Set. Balboa, C. Z Real, R. P Balboa, C. Z Cruz Gr'de, Chile	General	3
L-55 5	13	16	Amer	U. S. Army Ore S. S. Corp.	Newp't News Ve	Cruz Grido, Chile	Ballast	
Santore	15	16	Nor	Standard Oil of N. J.	Newp't News, Va. Aruba, N. W. I.	Tocopilla, Chile.	Fuel oil	13,905
City of Man-	15	17	Brit	Amer. & Aust. Line	Philadelphia, Pa.	Fremantle, Aust	General	6,080
chester. American Robin.	16	1.7	A	A B. C C C.	NT NT. 1. NT. NT.	571 11 14 1 D	a ,	0.000
Draeo 2	14	17 16	Amer Neth	AmerFor. S. S. Co. Royal Neth. S. S. Co.	New York, N. Y. Cristobal, C. Z. New York, N. Y. Cristobal, C. Z. Baltimore, Md Liverpool, Eng.	Vladiv'tok, Rus Guayaquil, Ecua.	General	6,900 528
Buenaventura	16	20	Amer	Amtorg Trading Co	New York, N. Y.	Manzanillo, Mex.	Copper ingot	3,450
Istmo	14	16	Colom.	Colom, de Cabotaio	Cristobal, C. Z.	B'ventura, Col	General	577
Massmar	15 15	17 17	Amer	Calmar S. S. Corp	Baltimore, Md	Seattle, Wash	Steel, gen	7,477
Losada ² Fella ²	15	17	Brit Ital	Pacific Steam Nav. Co Italia Line	Trieste, Italy	SanAntonio, Chile Vancouver, B. C.	Coal General	7,919 2,820
C188	14	17	Nor	Grace Line. E. K. Wood Lum. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	1.280
	17	17	Amer	E. K. Wood Lum. Co.	Trieste, Italy Cristobal, C. Z New York, N. Y. New York, N. Y. Baltimore, Md.	Vancouver, B. C.	General	3,300 3,942
Maui. Jeff Davis ²	17 17	17 17	Amer	Panama-Pacific Line Roosevelt S. S. Co	New York, N. Y.	S. Francisco, Cal. Shanghai, China.	General	3,942
Belita 1	17	18	Nor	Reidar Rod	Genoa, Italy	La Libertad, Eeu.	General Ballast	5,906
Lightning	16	17	Amer	Roosevelt S. S. Co	Dhiladalphia Da	Brisbane, Aus'lia.	General	6,016
Tuira 2	16		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	Balboa, C. Z	Ballast	
Tuira ² . Real ² . Fortuna ² .	16 16		Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. New York, N. Y. Goth'burg, Swed. Baltimore, Md. Houston, Tex. Ode Norwey	Balboa, C. Z Balboa, C. Z Balboa, C. Z	Ballast	
Santa Elena	17	18	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	Ballast General	3,747
Peiping 2	17	18	Swed	Swed. E. Asiatic Co	Goth'burg, Swed.	Japan	General	7,458
Steel Exporter	17	18	Amer	Isthmian S. S. Lines	Baltimore, Md	Vancouver, B. C.	Steel, gen Steel, gen	7,458 7,991
Point Lobos Pan-Aruba ¹ ²	18 18	18 19	Amer	Swayne & Hoyt Huasteea Pet. Co	Oelo Norman	Seattle, Wash Talara, Peru	Steel, gen	5,961
Cathwood 1	17	18	Amer.	Union Oil Co. of Calif	Oslo, Norway Cristobal, C. Z.	Los Angeles, Cal.	Ballast	
Fordsdale	18	19	Brit	Shaw, Savill & Albion	London, England	New Zealand	General	3,826
Gen. Wm. M. Graham. 11	• • •		Amer	U. S. Army	Cristobal, C. Z.	Balboa, C. Z	Tow. barge	
Ludington 8	18	20	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	4,430
	10	20		U. D. Milly	110W 10th, 14. 1.	monorard, I. II	асцегат	1,100

 $^{^1}$ Tanker. 2 Motor ship. 3 Motor schooner. 5 Launch. 7 Submarine. 8 Transport. 11 Mine planter. 13 Cotton, lubricating oil. 14 General, steel plates.

	rived	eared	Nation-	Charterer or operator) From—	Po	rt	Cargo	
Ship	Date arrived	Date cleared	ality		For—	Nature	Long	
an Felipe	18 17 19	19 19 19	Swed Amer Amer	Johnson Line Quaker Line Ore S. S. Corp.	Goth'burg, Swed. New York, N. Y. Baltimore, Md.	Seattle, Wash Portland, Oreg Cruz Gr'de, Chile	Paper, gen	2,05 3,90
ilverteak 2	18	19	Brit	Kerr S. S. Co.	New York, N. Y.	Manila, P. I	General	5,85
lack Falcon	19	20	Amer	Isthmian S. S. Lines.	Mobile, Ala	Hawaiian Islands	General	5,74 2,90 7,99
ocrates 2 rentbank	11 19	$\frac{20}{20}$	Neth Brit	Royal Neth. S. S. Co. Bank Line	Cristobal, C. Z Tampico, Mex	B'ventura, Col Australia	General	7 90
ort Gisborne 2	19	20	Brit	Port Line, Ltd	London, England	Brisbane, Aust'lia	Paper, planes	6,07
I odavia 2	19	20	Brit	Donaldson Line	Glasgow, Scot	Vancouver, B. C.	General	92
eirstad 1 2	19	20	Nor	A. F. Klaveness & Co.	Sandefjord, Nor.	S. Francisco, Cal.	Ballast	8,69
akaoka Maru aura Maersk ²	19 19	$\frac{20}{20}$	Jap Dan	Nippon Yusen Kaisya A. P. Moller	Boston, Mass	Kobe, Japan Iloilo, P. I	(15) General	63
ropic Star 2	19	21	Nor	Chile Nit. Sales Corp.	New York, N. Y.	Tocopilla, Chile	Ballast	
olombia 2	18	20	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col	General	8
an Pablo	18	20 21	Pan	United Fruit Co	New Orleans, La.	Amapala, Hond.	General	$\begin{bmatrix} 1,4 \\ 7,1 \end{bmatrix}$
Vest Cape	20 20	21	Amer Greek	McCormick S. S. Co. Chile Nit. Sales Corp.	New York, N. Y. Wilmington, Del.	Seattle, Wash Tocopilla, Chile	General Ballast	
regonian	20	21	Amer.	AmerHawaiian Line.	Boston, Mass	Tacoma, Wash	General	3,6
1ussolini 2	19		Pan	H. Obarrio	Cristobal, C. Z New York, N. Y.	Balboa, C. Z	Ballast	3,5
Vest Harshaw	20 19	21 21	Amer Neth	Royal Neth. S. S. Co.	Curacao, N.W.I.	Tocopilla, Chile Guayaquil, Ecua.	General	5,5
Tuviose 1	20	21	Fr	Raffinerie de Berre	Rouen, France	Talara, Peru	Ballast	
topepeak *	20	21	Brit	Hopemount Ship. Co.	Hull, England	Vancouver, B. C.	Ballast	
anaman	21	21 21	Amer.	AmerHawaiian Line.	Baltimore, Md	Seattle, Wash	General	6,3
Ianto 2 ochkatrine 2	19 20	21	Neth Brit	Royal Neth. S. S. Co. Royal Mail Lines	Cristobal, C. Z. London, England	B'ventura, Col Vancouver, B. C.	General	1,5
aila	21	21	Dan	Wessel, Duval & Co.	New York, N. Y.	Talcahuano, Chile	General	1,9 9,0
Xazuura Maru 2	21	21	Jap	Mitsubishi Shoji K	Baltimore, Md	Kobe, Japan	Copper, oil.	9,0
lordnes resident Monroe.	21 21	$\frac{22}{22}$	Nor	Bowater, London AmerPresident Lines	Cornerbr'k, Nfld. Boston, Mass	Fremantle, Aust. Round the World	Newsprint Macb., gen	$\begin{bmatrix} 5,6 \\ 6,1 \end{bmatrix}$
ortuna 3	20	- 22	Amer	Elliot Ship. & Land Co.	Cristobal, C. Z	Balboa, C. Z.	Ballast	
ity of Los An-	22	22	Amer	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	3,2
geles.	01	00	D -:4	M A N // T:	Mantanal Camada	Dainkana Anat'lia	C1	5,9
ort St. John 2 Charleston 13	21 10	22	Brit	M. A. N. Z. Line U. S. Navy	Montreal, Canada Cristobal, C. Z.	Brisbane, Aust'lia Balboa, C. Z	General Ballast	
El Grillo 1	21	22	Brit	C. T. Bowring & Co.	Le Havre, France	Cabo Bl'co, Peru.	Ballast	
Queen Victoria 2	21	22	Brit	Canadian Transp. Co.	Garston, Eng	Vancouver, B. C.	Ballast	
Vest Ekonk	22 22	22 23	Amer Brit	Chile Nit. Sales Corp. Federal Steam Nav.Co	Savannah, Ga Newport, Eng.	W. coast S. Amer. Pt.Chalmers, N.Z.	Ballast	6,6
Cent Perrymore ²	22	23	Brit	McCowen & Gross	Avonmouth, Eng.	Vancouver, B. C.	Ballast	
drenanger 2	22	23	Nor	Westfal, Larsen & Co.	Buenos Aires, Arg.	Seattle, Wash	General	3,8
eticia 3	22		Pan	A. Tagaropulos	Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z Gatun, C. Z	Ballast	
-55 5 -59 5			Amer	U. S. Army U. S. Army	Cristobal, C. Z.	Gatun, C. Z	Ballast Ballast	
orto Bello 3	22	22	Pan	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	
todsley 2	22	23	Brit	Stephens Sutton	Sunderland, Eng.	Brit. Columbia.	Ballast	6.0
Black Condor Forkmar	22 22	23	Amer	States Marine Corp Calmar S. S. Line	New York, N. Y. Baltimore, Md	Shanghai, China. Seattle, Wash	(16) Steel, gen	6,9
rgentina Maru 2.	23	24	Jap	Osaka Syosen Kaisya.	Montevideo, Uru.	Kobe, Japan	General	2,5
'osca 2	92	23	Nor	Knutsen Line	Oslo, Norway	Valparaiso, Chile.	Gen., paper	3,7
Bengal Maru . L. Luckenbach.	22 23 22	23	Jap	Nippon Yusen Kaisya Luckenbach Line	Portland, Maine.	Osaka, Japan	Gas., lub. oil	$ 4,9 \\ 5,9$
Knute Nelson 2	22	23	Amer	Fred Olsen & Co	Oslo, Norway	Seattle, Wash Seattle, Wash	Steel, gen General	3,6
Vest Cactus	23 23	23 24 23 23 23 23 23 23 24	Amer	McCormick S. S. Co.	Buenos Aires, Arg.	Los Angeles, Cal.	Gen., coffee.	4,0
Vinona	23	24	Amer.	Pac. Coast Dir. Line.	New York, N. Y.	Tacoma, Wash	General	5,3
Pestbank Rimutaka	23 23	24 25	Brit	Ministry of Supply N. Z. Shipping Co	Newport, Eng. London, England	Brit. Columbia Wellington, N. Z.	Ballast	2,8
limutaka Iopecrest ²	23	25 25	Brit	Ministry of Supply.	London, England	Vancouver, B. C.	Ballast	
alvador	18	25	Brit	Pacific Steam Nav. Co	Cristobal, C. Z.	Champ'ico, Guat.	General	7 5
ean Lafitte	24 23	25	Amer Pan	States Marine Corp . Elliot Ship. & Land Co.	Houston, Texas Cristobal, C. Z	Kobe, Japan Balboa, C. Z	Scrap iron Ballast	7,5
uira ² ona ²	23		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Jamsterdijk 2	$\frac{23}{24}$	25 25 25	Neth	Holland-Amer. Linc.	Rotterdam, Neth.	Seattle, Wash	General	6
K. R. Kingsbury 1 Ignete Maersk	24 24	25	Amer.	Standard Oil of Calif.	New York, N. Y.	S. Francisco, Cal.	Ballast	2,8
ustralind 2	24	26	Dan	West Indian Trad. Co. Australind S. S. Co	Aalborg, Den New York, N. Y.	Guayaquil, Ecua. Australian ports.	Cement General	5,4
Edwin Christen-	25		Amer.	Sudden & Christenson		Seattle, Wash	General	5,1
son. t. Col. H. C.			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Schumm. 4 Darlington Court ²	25	26	Brit	Ministry of Supply	London, England	Vancouver, B. C.	Ballast	
Rugeley 2	26	26	Brit	Stephens Sutton	Glasgow, Scot	Vancouver, B. C.	Ballast	
deisha 2	25	26	Nor	Knut Knutsen O.A.S.	Oarnsk'ak Swed	Oakland, Calif	Wood pulp	5,4
Iaine	$\frac{25}{20}$	27	Amer Pan	CalifEastern Line	New York, N. Y. Cristobal, C. Z. New York, N. Y. Curacao, N. W. I.	Portland, Oreg Balboa, C. Z	General Ballast	5,8
DC441	20			Elliot Ship. & Land Co.	N N N N	Antiformata Chile		2,1
Real ²	26	28	Amer	Grace Line	New York, N. Y.	Ant'fagasta, Chile	General	٠, ١

Tanker, ² Motor ship. ³ Motor schooner. ⁴ Tug. ⁵ Launch. ¹³ Gunboat. ¹⁴ Pipe, steel, general.
 Phosphate, cotton, etc. ¹⁶ Cotton, steel rails. ¹⁷ Lubricating oil and grease.

	I	I	ı	1	1		1	
	rrived	leared	Nation-	Line	Pe	Cargo		
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
King Lud ² Colombia ² Herstein ² Stjerneborg ²	26 25 26 26	27 27 27 28	Brit Pan Nor Dan	Canadian Transp. Co. Elliot Ship. & Land Co. Mitsubishi Shoji K C. K. Hansen	London, England Cristobal, C. Z Houston, Tex New Orleans, La.	Vancouver, B. C. B'ventura, Col Osaka, Japan Osaka, Japan	Ballast	521 8,070 7,871
Cripple Creck Maranon Florence Lucken- bach.	26 26 27	28 27 28	Amer., Peruv. Amer	C. K. Hansen Lykes Bros. S. S. Co. Cia. Peruana de Vap. Luckenbach Line	New Orleans, La. Iquitos, Peru New York, N. Y.	Yokohama, Japan Callao, Peru Tacoma, Wash	Timber, gen. General	7,871 6,935 2,072 6,502
Escobal 5	26 26		Amer Amer Pan Amer	U. S. Army U. S. Navy Elliot Ship. & Land Co. U. S. Army	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Gatun, C. Z Balboa, C. Z Balboa, C. Z Balboa, C. Z	Ballast Ballast Ballast Tow. barge.	
Colon 2	26 27 27	28	Pan Pan Pan Amer	H. Obarrio Robert Wilcox. Francisco Ehrman Isthmian S. S. Lines.	Cristobal, C. Z. Cristo	Balboa, C. Z Gatun, C. Z Balboa, C. Z Singapore, St. Set.	Ballast Ballast Ballast Steel, gen	
Steel Navigator Brand ² Black Gull. Gateway City. Chilore	27 27 27 27 27	29 28 28 28	Nor Amer Amer	Quebec North Shore. Isthmian S. S. Lines. Mitsui & Co. Ore S. S. Corp.	Baltimore, Md Liverpool, N. S Portland, Me Mobile, Ala Baltimore, Md	Melbourne, Aust. S. Francisco, Cal. Osaka, Japan. Cruz Gr'de, Chile	Newsprint . Steel, gen (16) Ballast	5,467 5,803
Port Chalmers ² Rothley ² Missourian ² Hannington Court	27 27 27 228	28 28 29 29	Brit Brit Amer Brit	Port Line, Ltd Stephen Sutton Co AmerHawaiian Line. Ministry of Supply.	Avonmouth, Eng. Barry, England Boston, Mass London, England	New Zealand Vancouver, B. C. Tacoma, Wash Vancouver, B. C.	Ballast General Ballast	4,800
Sambu ²	27 27 24	29	Pan Pan Amer	Elliot Ship, & Land Co. Elliot Ship, & Land Co. U. S. Army. Isthmian S. S. Lines.	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. New York, N. Y.	Balboa, C. Z Balboa, C. Z Gatun, C. Z Hilo, T. H	Ballast	4,245
Sonora 2	28 29 28	1 29 29 29	Pan Amer	Chile Nit. Sales Corp. Panama-Pacific Line Mitsubishi Kaisha	B'quilla, Colom. New York, N. Y. Texas City, Tex. New York, N. Y.	Chile	Ballast General	3,764 9,669
King William ² Taketoyo Maru Draco ²	28 28 28 27 27 27 28 29	29 29 30	Dan Brit Jap Neth	Wessel, Duval & Co. Anglo-Can. S. S. Co. Nippon Yusen Kaisha Royal Neth. S. S. Co.	Middlesb'gh, Eng B'quilla, Colom Cristobal, C. Z	Talcahuano, Chile Br. Columbia Kobe, Japan B'ventura, Col	General Ballast Gasoline, gen Genera!	1,730 7,931 422
Manto ² . Kinai Maru ² . Kagu Maru ² . Harpoon	29	29 29 29 30	Jap Jap Amer	Royal Neth. S. S. Co. Osaka Syosen Kaisya. Kokusai Kisen Kaisya Amtorg Trading Co. Royal Neth. S. S. Co.	Cristobal, C. Z. New York, N. Y. New York, N. Y. New York, N. Y.	Pto. Bolivar Kobe, Japan Kobe, Japan Manzanillo, Mex.	General Steel, gen Steel, cotton. Copper	533 7,217 7,199 7,991
	20 29 29 -14 -29	29 30 29 	Neth Brit Pan Brit	A. Tagaropulos Michael Johnson	Cristobal, C. Z Galveston, Tex Cristobal, C. Z Poole, England	Corral, Chile N. Plym'th, N.Z. Real, R. P Sydney, Australia	General Lub. oil, gen. General Ballast	3,000 8,213 3
Fortuna 3	30 30 30	31	Pan Amer Brit	Nippon Yusen Kaisha Elliot Ship. & Land Co. Luckenbach Line Bank Line, Ltd	Boston, Mass Cristobal, C. Z Boston, Mass S. Shields, Eng	Kobe, Japan Balboa, C. Z Seattle, Wash Brit. Columbia	Lead, lub. oil Ballast General Ballast	6,843
Weirbank ²	31 25 31 31	31 31 1	Brit Nor Swed Hond	Thos. Dunlop & Sons. Grace Line Ore S. S. Corp United Fruit Co	Newcastle, Eng Cristobal, C. Z Baltimore, Md New Orleans, La.	Vancouver, B. C. Champ'ico, Guat. Cruz Gr'de, Chile Golfito, C. R	Ballast General Ballast (17) Scrap, gen	612
Bienville Sona ² Sambu ² Real ² .	31 30 30 30		Amer. Pan Pan	Mitsui Line Elliot Ship. & Land Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co.	New York, N. Y. Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	Yokohama, Japan Balboa, C. Z Balboa, C. Z Balboa, C. Z	Scrap, gen Ballast Ballast	7,488
J-59 5 Putt Putt 5 Santa Clara.	30 22 31	····	Pan Amer Amer	Elliot Ship. & Land Co. U. S. Army R. W. Kenny. Grace Line.	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z Gatun, C. Z Gatun, C. Z Valparaiso, Chile.	Ballast	
Kungsholm ² Estero Kansan Kongsgaard ¹ ²	31 31 1 30	1 1 1 1	Swed Pan Amer Nor	Swedish-Amer. Line. Chile Nit. Sales Corp. AmerHawaiian Line. S. A. Petrofina	New York, N. Y. New York, N. Y. Philadelphia, Pa. Baltimore, Md Dunkerque, Fr	Honolulu, T. H Chile Seattle, Wash Talara, Peru	Passengers Ballast General Ballast	6,186
West Cobalt City of Glasgow Roxane 1 2 L-53 5 Edich 6	1 1 1	1 2 2	Amer Fr Amer	Chile Nit. Sales Corp. M. A. N. Z. Line French Government. U. S. Army	Savannah, Ga Halifax, N. S Rouen, France Cristobal, C. Z.	Chile	Ballast Ballast Ballast	3,455
Edith 6 Tachira Campeche Pietro Orseolo 2	31 1 1 1	2 2 2 2	Amer Pan Mex Ital	C. B. Fenton Grace Line. Mexican Government Continental Grain Co.	Cristobal, C. Z. Aruba, N. W. I. Tampico, Mexico New York, N. Y.	Salina Cruz, Mex. Vladiv'ok, Russ.	Ballast Coffee, gen	475 694 9,028
Schoharie. Imperial ² Orotava. Ningpo ² Nero ²	1 2 1 2 2	3 3 3 3	Amer Chile Hond Swed Neth	Chile Nit. Sales Corp. Cia. Sud Am, de Vap. United Fruit Co. SwedEast Asiatic Co. Royal Neth, S. S. Co.	Baltimore, Md New York, N. Y. New Orleans, La. Goth'burg, Swed. Curacao, N.W.I	Tocopilla, Chile Valparaiso, Chile. Golfito, C. R Manila, P. I B'ventura, Col	Ballast General Cement, gen. General Lard, gen	3,439 1,661 8,743 296

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ⁶ Yacht. ¹⁰ Mine sweeper. ¹¹ Mine planter. ¹² Scrap steel, coke, etc. ¹⁴ Scrap iron, cotton. ¹⁵ Scrap iron, lead. ¹⁶ Steel, lubricating oil. ¹⁷ Railroad material. ¹⁸ Gasoline, kerosene.

		rrived	cleared	Nation-		P	ort	Cargo	
Ship		Date arrived	Date cl	ality	(Charterer or operator)	From	For—	Nature	Long tons
Helga Barfonn ¹ ²		2	3 3	Dan	J. Lauritzen.	New York, N. Y. Aruba, N. W. I.	Talcahuano, Chile	General	1,571 14,052
Bishopdale	1 2	3 3	3	Brit	Standard Oil of N. J British Admiralty	Kingston, Jam	Tocopilla, Chile	Fuel oil	9,940
Lochmonar	2	2 2	3	Brit	Royal Mail Lines	London, England	High seas. Vancouver, B. C.	General	280
City of Dall Vermar	nart 2.	2	3 3	Amer	Roosevelt S. S. Co	Baltimore, Md Philadelphia, Pa.	Shanghai, China. Seattle, Wash	General	6,418
Black Ospre S. C. T. Doo	у	2	3	Amer.	Calmar Line States Marine Corp	New Orleans, La.	Kobe, Japan	Steel, gen	5,440 7,372
S. C. T. Doc Titania 2	dd 1	2 2	3	Amer.	Standard Oil of Calif.	Providence, R. I.	S. Francisco, Cal.	Ballast	1
Yamazato M	Iaru ² .	2	4	Nor Japan.	Barber-Wilhelmsen Yamashita Line	Buenos Aires, Arg.	Moji, Japan Kobe, Japan	General	4,079
Hokkai Mar	ru 2	3	4	Jap	Osaka Syosen Kaisya.	Liverpool, Eng	Dairen, China	(16)	8,436
Mussolini ² . Teeka ⁵	· · · · · ·	2		Pan Amer.	J. F. Pate.	Cristobal, C. Z.	Balboa, C. Z Balboa, C. Z Balboa, C. Z	Ballast	
Teeka ⁵ . Lt. Col. H.	. C.	2		Amer	U. S. Army	Liverpool, Eng Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z	Ballast	
Schumm. ⁴ J. Fred Talk		31		Amer	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Kaituna 2		3	5	Brit	AmerAustralianLine	Phildelphia, Pa.	Adelaide, Aust	General	+6,057
Norvinn 1 2 Losmar	2	3	4	Pan	Anglo-Saxon Pet. Co.	Curacao, N.W.I	Los Angeles, Cal.	Ballast	
Niel Maersk	2	3	4	Amer	A. P. Moller	Savannah, Ga	Tacoma, Wash Cebu, P. I Auckland, N. Z	Steel, gen General	6,896
Port Alma 2		3 3 2	4	Brit	Port Line	Baltimore, Md Savannah, Ga Liverpool, Eng Cristobal, C. Z	Auckland, N. Z.	General	6,426
Colombia ² . Iriona		4	5	Pan Hond	Elliot Ship. & Land Co. United Fruit Co	Philadelphia, Pa.	B'ventura, Col Pto. Arm'les, R.P.	General Ballast	768
Delftdijk 2		3	4	Neth	Holland-Amer. Line	Rotterdam, Neth.	Seattle, Wash	Pipes, gen	986
W. R. Keeve Goyo Maru	e r	3	5 5	Jap Jap	Texas-Gulf Sulphur Kawasaki Kisen K	Rotterdam, Neth. Galveston, Tex. New York, N. Y.	Tacoma, Wash Tokuyama, Japan	Sulphur Steel, cotton.	7,888 8,783
Paul Lucken	bach.	4	5	Amer.	Luckenbach Line	Boston, Mass	Seattle, Wash	General	6,073
Fortuna 3 Service No. :	9.5	3		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z Cristobal, C. Z	Seattle, Wash Balboa, C. Z Gatun, C. Z Balboa, C. Z Gatun, C. Z	Ballast	
Tuira 2		3		Amer. Pan	U. S. Army Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Eugenia D.		4		Pan	C. Davis	Cristobal C Z	Gatun, C. Z	Ballast	
City of Norf Kinugasa M		4	5 5	Jap	Panama-Pacific Line., Kokusai Kisen Kaisya	New York, N. Y.	S. Francisco, Cal. Kobe, Japan	Mach'y, gen.	4,618
Emidio 1		5	6	Amer.	Gen. Petroleum Corp.	Aruba, N. W. I.	Los Angeles, Cal.	Scrap, gen (14)	10,339
Iowan Somerville ² .		4	5	Amer.	AmerHawaiian Line.	New York, N. Y. New York, N. Y. Aruba, N. W. I. Boston, Mass. I.	Scattle, Wash	General	4,618 7,139 10,339 3,785
Orao		4 5 5 5 5 5 5 5 5 5 5 5 5 5	5 5	Nor J-Slav.	Fern Line. Chile Nit. Sales Corp.	New Orleans, La. Pensacola, Fla	Shanghai, China.	Cotton, steel Ballast	5,726
Istmo		5	5	Colom.	Cia. Colom. Cabotaje.	Cartagena, Col	B ventura, Col	Salt, fuel oil .	690
West Gambo	0	3	6	Amer.	Chile Nit. Sales Corp. U. S. Army	Mobile, Ala Brooklyn, N. Y.	S. Francisco, Cal.	Ballast Stores	7,599
Meigs 8 Macabi		5	6	Pan	United Fruit Co	Brooklyn, N. Y Boston, Mass	Golfito, C. R	R. R. equip.	9,100
Douro 2 Lihue		2 5	6	Neth	Royal Neth. S. S. Co. Matson Nav. Co	Cristobal, C. Z	Guayaquil, Ecua. Honolulu, T. H.	General	345 3,901
Porto Bello	3	5	5	Pan	A. Tagaropulos	Baltimore, Md Cristobal, C. Z	Real, R. P Guayaquil, Ecua.	General	3
Nemoura 2 Rialto 2		29	6	Fr Ital	French Line	Pt. Limon, C. R.	Guayaquil, Ecua.	General	35
Bethore		5	6	Amer.	Ore S. S. Corp.	Trieste, Italy Baltimore, Md	Vancouver, B. C. Cruz Gr'de, Chile	General Ballast	2,085
Texan		5	6	Amer.	AmerHawaiian Line.	Boston, Mass	Seattle, Wash	General	4,747
Akaroa Pacific Presid	dent 2	5	7	Brit	Shaw, Savill & Albion Furness, Withy & Co.	London, England Manchester, Eng.	Pt.Chalmers, N.Z. Vancouver, B. C.	General	1,471
Elmbank 2		5	7	Brit	Bank Line, Ltd	Manchester, Eng.	Brit. Columbia	Ballast	
President Ad Onomea	iams.	6	7	Amer.	AmerPresident Lines Grace Line	New York, N. Y.	S. Francisco, Cal. SanAntonio, Chile	General Steel, gen	5,718
Onomea Atlantic 1 2		7	777	Nor	Standard Oil of N. J	Manchester, Eng. New York, N. Y. Baltimore, Md Aruba, N. W. I	SanAntonio, Chile	Fuel oil	5,718 5,150 10,500
Azalea City. Oklahoman.		29 4 5 5 6 5 7 6 7	7 8	Amer	Waterman S. S. Co Chilean Explor. Co	Mobile, Ala New York, N. Y.	Kobe, Japan Chanaral Chile	(15) (17)	7,122 4,633
k'ffinah om		7	8	Amer.	Lykes Bros. S. S. Co.	New Orleans, La.	Chanaral, Chile Shanghai, China.	Cotton, lead.	7,010
Pirre ² Sona ² Real ² .		6		Pan	Elliot Sbip. & Land Co.	Cristobal, C. Z Cristobal, C. Z	Shanghai, China. Balboa, C. Z Balboa, C. Z Balboa, C. Z	Ballast	
Real 2		6		Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast Ballast	
110Decrown 4	*	8 8 8 8	8	Brit	Ministry of Supply	Tyne, England.	vancouver, D. U.	Ballast	
Sysla ¹ ² Kinka Maru	2	8	8	Nor Jap	Nor. Brandselskomp. Kokusai Kisen Kaisya	Lisbon, Portugal. New York. N. Y.	Los Angleles, Cal Kobe, Japan	Ballast Cotton, gen	8.196
Lebore		8	- 8	Amer.	Ore S. S. Corp	Baltimore, Md	Cruz Gr'de, Chile	Ballast	
Santa Maria W. H. Berg	1 2	8	9	Amer	Grace Line Sun Oil Co	Baltimore, Md New York, N. Y. Cartaret, N. J.	Valparaiso, Chile. Los Angeles, Cal.	General Ballast	4,127
Marore		- 8	10	Amer	Ore S. S. Corp	Baltimore, Md	Cruz Gr'de, Chile	Ballast	
Leticia 3		6 9	9	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	Balboa, C. Z		5,000
Everelza Rabaul ²		8	9	Brit	Chile Nit. Sales Corp. W. R. Carpenter & Co	Baltimore, Md London, England	Antof'gasta, Chile Sydney, Australia	Coal Sulphur, gen.	7,555
Western Que	en	8	9	Amer	Chile Nit. Sales Corp.	Savannah, Ga	Chile	Ballast	
Jane Christer Alice 5	nson.	9	9	Amer.	Arrow Line	Savannah, Ga Baltimore, Md Cristobal, C. Z	Scattle, Wash	General Ballast	7,559
Liberty Glo.		10	10	Amer.	AmerFor. S.S. Corp.	New Orleans, La. Birkenhead, Eng.	Gatun, C. Z Everett, Wash	Sulphur	7,200
Dalcross Rosita		10	10	Brit Peruv.	AmerFor, S.S. Corp. Ministry of Supply Expreso Marit, S. A Union Oil of Calif	Birkenhead, Eng.	Brit. Columbia Paita, Peru	Ballast	
L. P. St. Cla	ir 1	10	11	Amer	Union Oil of Calif	Pto. Colombia New York, N. Y. New York, N. Y.	Los Angeles, Cal.	Ballast	
L. I. Dt. Cla							m 1 1 (11:11	(1)	
Sessa Hermes		10	10 11	Dan Neth	Wessel, Duval & Co Royal Neth. S. S. Co.	Amsterdam, Neth	Taleahuano, Chile Guayaquil, Ecua.	General	1,506 1,728

Tanker.
 Motor ship.
 Motor schooner.
 Tug.
 Launch.
 Transport.
 Destroyer.
 Fuel and Diesel oil.
 Cotton, steel rails.
 Scrap iron, general.
 Steel, coal, coke.

PACIFIC TO ATLANTIC

	rived	eared	Nation-	Line	Po	Cargo		
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Pennsylvanian Delawaren Ekaterini Cou-	10 10 10	11 11 11	Amer Amer Greek.	AmerHawaiian Line. AmerHawaiian Line. Chile Nit. Salcs Corp.	Tacoma, Wash. Los Angeles, Cal. Tocopilla, Chile.	Boston, Mass Boston, Mass Pensacola, Fla	Lumber, gen. Potash Nitrate	6,664 7,228 11,423
mantarou. Colombia ² Caithness ² Tattnall ⁹	11 10 11	13 12	Pan Brit Amer.	Elliot Ship. & Land Co. Canadian Transp. Co. U. S. Navy Chile Nit. Sales Corp.	B'ventura, Col N.Westm'er,B.C. Balboa, C. Z Tocopilla, Chile	Cristobal, C. Z London, England Cristobal, C. Z	(14) Lumber, gen.	702 8,554
Maroussio Lago- thetis. Socrates ²	11	11	Greek.	Chile Nit. Sales Corp. Royal Neth. S. S. Co.	Tocopilla, Chile Valparaiso, Chile.	Genoa, Italy Cristobal, C. Z	Nitrate Sugar, cotton	7,460 3,740
Timber Rush Mussolini ²	11	12 13	Amer Pan	Shepard S. S. Co E. Obarrio	Astoria, Oreg	Boston, Mass Cristobal, C. Z	Lumber, gen. Bananas	7,433
San Mateo Manto ² Kiyokawa Maru ²	12 11	14 13	Neth.	French Line W. I. Scheepv	Valparaiso, Chile. Guayaquil, Ecua. Tsingtao, China El Real, R. P Dairen, China	Havre, France Cristobal, C. Z.	(15) (16)	7,860 255
Ebba ²	12 12 12	13	Jap Pan	H. Obarrio	Tsingtao, China . El Real, R. P	Cristobal, C. Z New York, N. Y. Cristobal, C. Z	Bananas	4,509
Kalani	12 12 12	12 13 15	Jap Amer Pan	Mitsui Bussan Kaisya Matson Nav. Co A. Tagaropulos	Dorion D D	New York, N. Y. New York, N. Y. Colon, R. P New York, N. Y.	Sugar, gen Raw sugar Bananas, lum	7,293 7,578 24
Silversandal 2	12 13	13 14	Brit Ital	Silver Line, Ltd Italia, S. A. N	Hongkong, China Valparaiso, Chile.	New York, N. Y. Genoa, Italy	(18) Copper, gen.	8.761
Augustus ² Lebore Memphis City	13 12	13 13	Amer	Ore S. S. Corp Isthmian S. S. Lines	Wilmington, Cal.	Baltimore, Md	Iron ore Lumber, gen.	$3,710 \\ 21,300 \\ 8,030$
Absaroka	12 12	17		Grace Line	Champ'ico, Guat. Townsend, Wash.	Cristobal, C. Z. New York, N. Y. New York, N. Y.	General Lumber	784 7.304
O. A. Brodin Hegira	13	14	Amer	Seaboard Ship. Co Weyerhaeuser S. S. Co	Chemainus, B. C. Everett, Wash. Chanaral, Chile.	New York, N. Y. Norfolk, Va.	Lumber, gen.	$\frac{2,557}{9,932}$
Oklahoman Pirre ² Sambu ²	13 13 13	14 14 14	Pan	Chile Exploration Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. F	New York, N. Y. New York, N. Y. Cristobal, C. Z. Cristobal, C. Z.	Copper Bananas Bananas	7,529 40 45
Talaralite 1	13	14	Pan	Elliot Ship. & Land Co. Imperial Oil Co	Darien, R. P Darien, R. P B'ventura, Col		Bananas	30
Indian Prince 2	13 14	14 16	Brit Neth	Royal Neth. S. S. Co.	Los Angeles, Cal. Tumaco, Colom.	United King. ¹³ . Cristobal, C. Z. Cristobal, C. Z.	Ballast (19) Coffee, hides.	7,957 556
Draco ²	14 14	16 14	Nor	Colomb. de Cabetaje. Fern Line Isthmian S. S. Lines	B'ventura, Col	Baltimore, Md	Coffee Sugar, copra.	185 8,143
Kohala City of Norfolk	13 12	14	Amer	Isthmian S. S. Lines Matson Nav. Co Panama-Pacific Line	Singapore, St. Set Honolulu, T. H.	New Orleans, La.	General	6,838 7,050
Amerikaland 2 New York 1	14 15 10	16 15 15	Swed	Ore S. S. Corp The Texas Co	Los Angeles, Cal. Cruz Gr'de, Chile	New Orleans, La. New York, N. Y. Baltimore, Md	Sugar, gen Iron ore Gasoline	5,276 21,600
Imperial ² Marymar	15 15	16	Chile	Cia, Sud Amer, de Vap Calmar S. S. Corp	Cruz Gr'de, Chile Balboa, C. Z Corral, Chile Seattle, Wash.	Port Arthur, Tex. New York, N. Y. Philadelphia, Pa	Frozen, gen.	2,600 5,172 7,400
Point Brava Castelbianco	15 15	15	Amer	Swayne & Hoyt Chile Nit. Sales Corp.	Portland, Oreg Antof gasta, Chile	Tampa, Fla Venice, Italy	General Nitrate	6,501 7,600
California Star ² . Antinous S. C. T. Dodd ¹	15 15	16 16	Brit	Waterman S. S. Corp.	Los Angeles, Cal.	New Orleans, La.	Frozen, gen. Raw sugar	7,623 8,500
S. C. T. Dodd ¹ Fortuna ²	15 16		Pan	Elliot Ship. & Land Co.	S. Francisco, Cal. El Real, R. P Iloilo, P. I	Cristobal, C. Z.	Furnace oil Bananas	9,360
Fortuna ² Dagfred ² Kano Maru ²	15 15	17	Jap	Gen. Tobacco Co., P. I Kokusai Kisen Kaisya		New Orleans, La. New York, N. Y.	Sugar in bags General	7,695 3,386 9,706
Wellington Star ² . Stamatios G. Embiricos.	16 16	17 17	Brit Greek.	Blue Star Line Chile Nit. Sales Corp.	Pt.Chalmers, N.Z Antof'gasta, Chile	United Kingdom. Azores 13	Frozen, gen. Nitrate	9,706 7,100
West Cobalt	16 16		Amer Dan	Chile Nit. Sales Corp. Wessel, Duval & Co	Tocopilla, Chile SanAntonio, Chile	Savannah, Ga New York, N. Y.	Nitrate General	8,157 2,797
Sessa. Tuira ² . Real ² . Cathwood ¹ .	16 16		Pan Pan	Cia. Nav. Laffargue	Darien, R. P Darien, R. P	New York, N. Y. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Bananas	52
Cathwood ¹ West Kyska Naruto Maru ²	16 16	17	Amer	Elliot Ship. & Land Co. Union Oil of Calif Arrow Line Nippon Yusen Kaisya	Los Angeles, Cal. Warrenton, Oreg.	Baltimore Md	Fuel oil Lumber	9,000 7,581
Columbian	16 17	18 17	Amer	AmerHawaiian Line.	Keelung, Formosa Portland, Oreg Balboa, C. Z	Baltimore, Md Baltimore, Md Cristobal, C. Z New York, N. Y.	General Lumber, gen.	4,046
S-156 7 Santa Maria 2	17 17 16	18		U. S. Navy	SanAntonio, Chile	New York, N. Y.	General	5,108
Sonora ² . Elisavet. Sagittaire ² . Salvador.	17	18 18 19	Greek.	Keene Line Chile Nit. Sales Corp. French Line	S. Francisco, Cal. Iquique, Chile Noumea, N. Caled	Barranquilla, Col. Venice, Italy Marseille, France.	Nitrate	1,412 5,723 7,293
Salvador San Jose	17		Brit	Pacific Steam Nav. Co French Line	Champ'ico, Guat.	Cristobal, C. Z Havre, France	General Logs, gen	343 4,849
Colombia 2	18 18	19 20	Brit Pan	Canadian Transp. Co. Elliot Ship. & Land Co.	Vancouver, B. C. Vancouver, B. C. B'ventura, Col	England Cristobal, C. Z.	Timber	7,040
Orotava	18 18		Nor Hond	Loxley & Co., London United Fruit Co	Kohsichang San Jose, C. R	New Orleans, La.	Rice General	7,780
Bethore Venezuela ²	18		Swed	Johnson Line	Seattle, Wash	Baltimore, Md Goth'burg, Swed.	Iron ore General	5,287
Montanan Manto ²	18 18			AmerHawaiian Line. Royal Neth. S. S. Co.	Everett, Wash Tumaco, Colom.	Boston, Mass Cristobal, C. Z	General	6,340

Tanker. ² Motor ship. ⁷ Submarine. ⁹ Destroyer. ¹³ For orders. ¹⁴ Coffee, live plants. ¹⁵ Cotton, copper, nitrate. ¹⁶ Wood, coffee, rubber. ¹⁷ Silk, tea, general. ¹⁸ Rubber, sugar, general. ¹⁹ Borax, zinc, cotton. ²⁰ Sugar, canned pineapples. ²¹ Copra, coconut oil. ²² Copra, nickel, general. ²³ Machinery parts, coffee.

PACIFIC TO ATLANTIC-Continued

ractife to Allastic Continued									
a	rrived	leared	Nation-	Line	Port		Cargo	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From	For—	Nature	Long	
Fjeld Tachira Mussolini ² Tokai Maru ² Ebba ² Mataroa Indianan Gen. Wm. M. Graham, ¹¹	18 19 19 19 19 19 19	19 21 20 20 20 20 19	Nor Pan Pan Jap Pan Brit Amer	Chile Nit. Sales Corp. Grace Line H. Obarrio. Osaka Syosen Kaisya H. Obarrio Shaw, Savill & Albion Grace Line. U. S. Army.	Tocopilla. Chile Guayaquil, Ecua. Darien, R. P Dairen, China El Real, R. P Napier, N. Z. Valparaiso, Chile. Balboa, C. Z	Kalundborg Cristobal, C. Z Cristobal, C. Z Antwerp, Belgium Cristobal, C. Z London, England New York, N. Y. Cristobal, C. Z	Nitrate	4,350 1,060 80 6,406 49 5,936 8,652	
Porto Bello ² . Vibran ² . San Rafael. Ceres. Nero ² . Fortuna ² . Steelmaker. Andrea F. Luckbach.	19 19 19 19 20 19 20	19 20 20 22 21 20 20	Pan Nor Amer Neth Pan Amer Amer	A. Tagaropulos Knut Knutsen Line. Quaker Line Royal Neth. S. S. Co. Royal Neth. S. S. Co. Elliot Ship. & Land Co. Isthmian S. S. Lines Luckenbach Line	Darien, R. P. Pisco, Peru. Portland, Oreg Valparaiso, Chile. Guayaquil, Ecua. El Real, R. P. Pt.Angeles, Wash. Seattle, Wash	Colon, R. P. Aalborg, Den. Philadelphia, Pa. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Baltimore, Md Boston, Mass.	(14) Cotton cake. Lumber, gen. General (15) Bananas. Lumber, gen. General	16 2,478 8,680 3,304 211 73 7,951 12,088	
Hopecastle ² Real ² Hidalgo ² Talisman ² . Stag HoundCharlie Watson ¹ Pennsylvania Sun. ¹ ²	20 19 20 21 21 221 21	21 21 22 21 21 21 22	Brit Pan Mex Nor Amer Amer	Anglo-Can. S. S. Co. Elliot Ship. & Land Co. Keene Line Barber Line Grace Line Asiatic Pet. Corp. Sun Oil Co.	Vietoria, B. C Darien, R. P St. Helens, Oreg. Panganiban, P. I. SanAntonio, Chile Los Angeles, Cal El Segundo, Calif	United Kingdom. Cristobal, C. Z Barbados.,B.W.I. New York, N. Y. New York, N. Y. Curacao, N. W. I. Marcus Hook, Pa.	Grain, lum Bananas Lumber Lumber, gen Copper, ores Petroleum C Gasoline	8,700 28 1,203 6,547 8,784 1,855 17,507	
Marore	22 22 22 22 22 22 22	22 23 23 23 24 25	Amer Amer Brit Dan Fr Amer	Ore S. S. Corp	Cruz Gr'de, Chile Seattle, Wash Wellington, N. Z. Hongkong, China B'ventura, Col Balboa, C. Z	Baltimore, Md Boston, Mass United Kingdom, Savannah, Ga Cristobal, C. Z Cristobal, C. Z	Lumber, gen. Frozen, gen. General	21,800 7,988 7,827 4,554 664	
Minnesotan	22 22 23	23 24 23	Amer Amer Amer	AmerHawaiian Line. Grace Line Luckenbach Line	Portland, Oreg Chanaral, Chile Seattle, Wash	Boston, Mass New York, N. Y. Tampa, Fla	General General Lumber, gen.	6,185 3,770 9,950	
Istmo. Lochmaddy. Fortuna ² . Perseus. Tuira ² . Sona ² . City of Baltimore. Deroche ¹ . L. P. St. Clair ¹ . Pericles ¹ ² . Moscha L. Gou-	22 23 23 23 23 23 23 23 22 24 23	24 24 23 23 24 24 25 24 25 24 25 24 25	Colom. Brit Pan Greek. Pan Pan Amer Amer Amer Kor Greek.	Colomb. de Cabotaje. Ministry of Supply. Elliot Ship. & Land Co. Chile Nit. Sales Corp. Elliot Ship. & Land Co. Elliot Ship. & Land Co. Panama-Pacific Line. Union Oil of Calif. Union Oil of Calif. Mexican Pet. Co. Chile Nit. Sales Corp.	B'ventura, Col Vancouver, B. C. Darien, R. P. Iquique, Chile Darien, R. P. Darien, R. P. S. Francisco, Cal. Los Angeles, Cal. Los Angeles, Cal. Guaymas, Mex. Tocopilla, Chile	Cristobal, C. Z United Kingdom. Cristobal, C. Z. Alexandria, Egypt Cristobal, C. Z New York, N. Y. Sewaren, N. J Cataret, N. J Tampico, Mex Venice, Italy	Ballast Wheat, lum Bananas Nitrate Bananas Bananas General Fuel oil Fuel oil Pet. prod Ballast Nitrate	8,180 52 7,320 50 37 6,379 9,602 8,280 7,190	
landris. S-158 7 Vermont Michael L. Embiricos.	24 23 23	24 24	Amer Amer Greek.	U. S. Navy. CalifEastern Line. Chile Nit. Sales Corp.	Balboa, C. Z Longview, Wash Antof'gasta, Chile	Cristobal, C. Z Philadelphia, Pa. Azores 18	Lumber, gen. Nitrate	8,067 7,560	
Ida Bakke ² Rodney Star Peebles ² Wanderer ⁵ John Bakke ² Horace Lucken- bach.	23 24 24 24 24 24 24	24 25 24 25 25 25	Nor Brit Brit Amer Nor Amer	Knut Knutsen Line Blue Star Line Canadian Transp. Co. H. L. Brazeal Knut Knutsen Line Luckenbach Line	N.Westm'er,B.B. N.Westm'er,B.C. Vancouver, B. C. Balboa, C. Z. Antof'gasta,Chile Longview, Wash	Liverpool, Eng. Liverpool, Eng. United Kingdom. Cristobal, C. Z. Goth'burg, Swed. Boston, Mass	(19) General Lumber, gen. Ballast General General	7,550 8,730 8,749 7,187 9,074	
Aconcagua ² Colombia ² Kentuckian Californian ² West Ira Kirsten B Shabonee ¹ S-153 ⁷ King City S-155 ⁷ Siverpalm ² Mussolini ² Port Halifax ² S-154 ²	25 25 25 25 25 25 25 26 25 26 26 26 26 26	25 27 25 25 25 25 31 26 26 27 27 27	Chile Pan Amer Amer Nor Pan Pan Brit Pan Brit Pan Amer Amer Amer Amer Amer Amer Amer	Cia. Sud Amer. de Vap Elliot Ship. & Land Co. AmerHawaiian Line. Mecorniek S. S. Co. Grace Line Leif Hoegh & Co. United Fruit Co U. S. Navy Ministry of Supply. U. S. Navy S. & J. Thompson. H. Obarrio. M. A. N. Z. Line. U. S. Navy U. S. Navy	Talcahuano, Chile B'ventura, Col Tacoma, Wash S. Francisco, Cal. Seattle, Wash Cham pico, Guat. S. Francisco, Cal. Golfito, C. R. Balboa, C. Z. Vancouver, B. C. Singapore, St. Set Darien, R. P. Lyttelton, N. Z. Balboa, C. Z.	New York, N. Y. Cristobal, C. Z. Soston, Mass. Boston, Mass. Buenos Aires, Arg. Cristobal, C. Z. Curacao, N. W. I. Boston, Mass. Cristobal, C. Z. United Kingdom, Cristobal, C. Z. Mombasa, Africa. Cristobal, C. Z. United Kingdom, Cristobal, C. Z. United Kingdom, Cristobal, C. Z. United Kingdom, Cristobal, C. Z. United Kingdom, Cristobal, C. Z. United Kingdom, Cristobal, C. Z.	General. Coffee General. General. Lumber, gen. Coffee, gen. Ballast Wheat, lum General. Bananas. Wool	4,718 704 5,697 9,250 7,286 655 13,017 8,100 7,541 78 4,328	
Anglo Canadian 2.	26	27	Brit	Seaboard S. S. Co	Vancouver, B. C.	Cristobal, C. Z Liverpool, Eng.	Wheat, lum.		

Tanker. ² Motor ship. ⁴ Tng. ⁶ Launch. ⁷ Submarine.
 Helantains, lumber. ¹⁵ Balsa, ivory nuts. ¹⁶ Coffee, ivory nuts, general. ¹⁷ Towing barge No. 206. ¹⁸ For orders. ¹⁹ Fresh fruit, general.

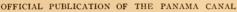
	rrived	eared	Nation-	Line	Po	ort	Cargo		
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	. For—	Nature	Long tons	
Mallard ⁴ Porto Bello ² Colon ²	26 25 26	26 27	Amer Pan Pan	U. S. Navy. A. Tagaropulos. H. Obarrio.	Balboa, C. Z Darien, R. P Darien, R. P	Cristobal, C. Z. Colon, R. P Cristobal, C. Z	(14) Bananas	12 39	
American Wildwood Charles F.Meyer ¹ Syealand ²	26 26	$\frac{26}{26}$	Amer	AmerHawaiian Line. Puget Sd. Asso. Mills	Portland, Oreg Tacoma, Wash Talara, Peru	Philadelphia, Pa.	Lumber	7,014	
Charles F. Meyer ¹ Svealand ² Lafcomo		26 27 27	Brit Swed Amer	International Pet. Co. Ore S. S. Corp. Chile Nit. Sales Corp.	Cruz Gr'de, Chile Iquique, Chile	London, England Baltimore, Md Alexandria, Egypt	(16) Iron ore Nitrate	14,80I 21,600 6,950	
Lafcomo	27 26	27 27 27	Brit Brit Greek.	Seaboard Ship. Co. Canadian Transp. Co. Chile Nit. Sales Corp.	Vancouver, B. C.	London, England Antigua, B. W. I.	General Lumber, gen. Nitrate	8,520 2,436 7,440	
Annitsa Overton ⁹	27 27 27 27	27	Amer	U. S. Navy	Tocopilla, Chile. Balboa, C. Z S. Francisco, Cal.	Genoa, İtaly Cristobal, C. Z Baltimore, Md Cristobal, C. Z	Sugar, gen	8,569	
Draco ²	26 26	29 28 28	Neth Pan Dan	Royal Neth. S. S. Co. Chile Nit. Sales Corp. West Coast Line	Guayaquil, Ecua. Iquique, Chile SanAntonio,Chile	Azores 13 New York, N. Y.	Coffee, gen Nitrate Copper, ores.	272 6,206 2,465 4,200	
Karin	27 27 27	28 29 28	Finn Neth Pan	N. Atl. & Gulf Co. M.V.WestInd.Scheep. Elliot Ship. & Land Co.	P. Chicama, Peru B'ventura, Col Darien, R. P	New York, N. Y. New York, N. Y. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Sugar Coffee, skins. Bananas	4,200 354 45	
Karin Manto ² . Sambu ² . Pirre ² . Chickasaw City. Pacific Reliance ² .	27 27 27	28 28 28	Pan Amer Brit	Elliot Ship. & Land Co. Isthmian S. S. Lines	Darien, R. P Darien, R. P Portland, Oreg	Cristobal, C. Z Baltimore, Md Manchester, Eng.	Bananas Lumber, gen. General	30 7,457 8,402	
Ioannis Chandris.	27 27	31 28	Fr Greek	Elliot Ship, & Land Co. Isthmian S. S. Lines. Furness, Withy & Co. French Line. Anglo-Can. S. S. Co. Expresso Maritimo Standard Oil of Calif.	Victoria, B. C Seattle, Wash Victoria, B. C Callao, Peru	Havre, France London, England	Lumber, gen.	6,187 8,380 960	
Rosita District of Co- lumbia. 1	27 27	29 28	Peru. Amer		S. Francisco, Cal.	Barranquilla, Col. Baltimore, Md	Rice Furnace oil	9,884	
Flomar Fernbank ² Gen. Wm. M. Graham. ¹¹	27 27 28	28 28	Amer Nor Amer	Calmar S. S. Corp Fernley & Eger U. S. Army	Tacoma, Wash Mambaguid, P. I. Balboa, C. Z	Chester, Pa Baltimore, Md Cristobal, C. Z	Lumber	7,243 7,380	
Nonsuco ² Knoxville City	27 28	28 29	Amer.	M. V. Nonsuco, Inc Isthmian S. S. Lines	Manila, P. I Manila, P. I Longview, Wash.	New York, N. Y. Baltimore, Md	Sugar, gen (18) (19)	8,463 8,008	
San Marcos Disa Oakmar Tuyama Maru	28 29 29	29 30 29 31	Swed Amer	Seaboard Ship, Co Calmar S. S. Corp Nippon Yusen Kaisya	Aberdeen. Wash.	Philadelphia, Pa. Bridgetown, Bar. Baltimore, Md	Lumber, gen. Lumber, gen.	$\begin{bmatrix} 2,413 \\ 5.922 \end{bmatrix}$	
McCormick 9	29 29 30	30	Fr	French Government, U. S. Navy Chile Nit. Sales Corp.	Moji, Japan Talara, Peru Balboa, C. Z Iquique, Chile	Boston, Mass Berre, France Cristobal, C. Z. Jacksonville, Fla. New York, N. Y.	General Crude oil	13,180	
Louisianan Santa Lucia Harpalycus	29 30 29	30 30 30	Amer	Grace Line	San Antonio, Chile	Jacksonville, Fla. New York, N. Y. United Kingdom.	Potash, nit General	8,248 5,628 8,665	
Jacob Luckenbach Charles Christen-	30 29 29	31 30 30	Dan	J. Lauritzen Luckenbach Line Arrow Line	Victoria, B. C Vancouver, B. C. Seattle, Wash Seattle, Wash	Barranquilla, Col. Tampa, Fla Baltimore, Md	General General Lumber	$\begin{vmatrix} 2,250 \\ 8,761 \end{vmatrix}$	
Son. Salacia ² Sona ² Tuira ²	30 29	31 31	Pan	Elliot Ship. & Land Co.	Vancouver, B. C. Darien, R. P	Glasgow, Scot Cristobal, C. Z	General Bananas	35	
Sambu 2	30 30 30	31 31 31	Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z Cristobal, C. Z	Bananas Bananas	45 40	
Point Judith Eolo Benjamin Frank-	30 30 30	30 31 5	Amer Span	Swayne & Hoyt Cia. Nitratera Chile	Portland, Oreg Antof'gasta, Chile Vancouver, B. C	Tampa, Fla	(21)	6.329	
J. Fred Talbot 9 El Grillo 1	31	4	Amer.	U. S. Navy	Balboa, C. Z	Cristobal, C. Z Liverpool, Eng	Crude oil		
Moorby 2 Mexican Loriga 2	31	31	Brit	Ropner Shipping Co AmerHawaiian Line.	Portland, Oreg	United Kingdom. Boston, Mass	Lum., spelter Lumber, gen	8,550	
Steelore Tudor Star Dorothy Lucken-	31 1	1 1 1	Brit	Ore S. S. Corp Blue Star Line	Antof'gasta, Chile Cruz Gr'de, Chile N.Westm'er, B.C. Seattle, Wash	Baltimore, Md United Kingdom Boston, Mass	Iron ore	$\begin{vmatrix} 21,500 \\ 6,576 \end{vmatrix}$	
bach. Yomachichi ² Georgian	1 1	2 2	Amer	AmerHawaiian Line.	Haiphong, China Portland, Oreg.		General	6,131	
Georgian W. S. Miller ¹ Beignon ² Jonna		2 3	Amer.	Standard Oil of Calif.	S. Francisco, Cal. Vancouver, B. C.	New York, N. Y. United Kingdom	Fuel oil	8,879	
Jonna Point Caleta Hamlin F. Mc- Cormick.	1	2	Amer.	AmerFor. S. S. Corp.	Seattle, Wash Portland, Oreg Los Angeles, Cal	Copenhagen, Den Norfolk, Va San Juan, P. R.	Fruit, gen Wheat General	6,667	
Emma Bakke 2 Douro 2	1	5	Neth.	Royal Neth. S. S. Co.	Vancouver, B. C. Guayaquil, Ecua Victoria, B. C.	United Kingdom Cristobal, C. Z. United Kingdom	Coffee	. 345	
Bradglen	2 2 2	3	Pan Amer	H. Obarrio	Darien, R. P	Cristobal, C. Z. Boston, Mass	Bananas General	. 83	

Tanker. ² Motor ship. ⁴ Tug. ⁹ Destroyer. ¹¹ Mine planter. ¹³ For orders. ¹⁴ Plantains, lumber.
 Potash, lumber, general. ¹⁶ Benzine, kerosene. ¹⁷ Sugar, chrome ore. ¹³ Sugar, tin, general. ¹⁹ Fish oil, lumber, general. ²⁰ Lumber, wheat, zinc. ²¹ Lumber, flour, general. ²² Tin, copper, general.

	rived	eared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Colombia ² West Nilus Lieut. Col. H. C.	2 2 2	4 2 3	Pan Amer Amer	Elliot Ship. & Land Co. McCormick S. S. Co. U. S. Army	B'ventura, Col Seattle, Wash Balboa, C. Z	Cristobal, C. Z. N. London, Conn Cristobal, C. Z.	Coffee, gen Gen, lumber	1,154 7,887
Schumm. 4	2	2		A. Tagaropulos	Darien, R. P		(16)	
Porto Bello 2	2 2		Pan	Grace Line	B'ventura, Col	Colon, R. P Cristobal, C. Z	Coffee, hides	25 473
Balla 2	2 2	3	Nor Span	Smith & Johnson Nav. Guipuzcoana	Yavaros, Mexico. Tocopilla, Chile	New York, N. Y. St. Thomas 14	Garbanzos	4,460
IciarFortuna 2	3	4	Pan	Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z.	Crystal, nit Bananas	6,090
Tuira 2	3 2	4 4	Pan Jap	Elliot Ship. & Land Co.	Darien, R. P Tokuyama, Japan	Cristobal, C. Z. Tuxpan, Mexico.	Bananas Ballast	50
Kenyo Maru ¹ ² . Lancaster	3	4	Amer.	Yamashita S. S. Co Isthmian S. S. Lines.	Seattle, Wash	Baltimore, Md.	Lumber	8,23
Sage Brush F. J. Luckenbach.	3	4 4	Amer	Shepard S. S. Co	Los Angeles, Cal. Seattle, Wash	Boston, Mass Boston, Mass	Lumber, gen. Lumber, gen.	8,076
Pericles 2	4	1	Neth	Luckenbach Line Royal Neth. S. S. Co.	Valparaiso, Chile.	Cristobal, C. Z	Ores, general	2,568
San Pablo	3 4	5 6	Pan	United Fruit Co Pacific Steam Nav. Co.	Corinto, Nic	New Orleans, La.	Coffee, gen	453
Laguna 2 Marna	4	5	Brit Dan	J. Lauritzen	SanAntonio, Chile	Liverpool, Eng New York, N. Y.	Tin,bran,gen General	7,940
Marna Wearpool 2	4	5 5	Brit	Sir R. Ropner & Co Luckenbach Line	N. Westm'er, B.C. S. Francisco, Cal.	France	Lumber	8,250
Harry Lucken- bach.	4						General	9,070
Eli ²	4	5	Nor Neth	J. J. Moore & Co Royal Neth. S. S. Co.	S. Francisco, Cal. B'ventura, Col	Pt. Elizabeth, Afr. Cristobal, C. Z.	Coffee, gen	5,440
Rossington Court.	4	5	Brit	Ministry of Supply	Victoria, B. C	United Kingdom.	General	10,000
Pennsylvania	5	5	Amer Brit	Weyerhaeuser S.S. Co.	Seattle, Wash	Philadelphia, Pa. United Kingdom.	Wheat, lum.	7,731
Cornish City 2 Rolling Stone 2	5		Pan	Reardon-Smith Line Robert Wilcox.	Vancouver, B. C. Balboa, C. Z	Cristobal, C. Z.	Ballast	9,000
Canadian Star 2	5	6	Brit	Blue Star Line Shaw, Savill & Albion	N. Westm'er, B.C. Auckland, N. Z.	Liverpool, Eng United Kingdom.	Frozen, gen.	7,683
Waimarama ² La Paz ²	5	6 7	Brit Brit	Pacific Steam Nav. Co.	Lebu, Chile	Liverpool, Eng	Frozen, gen.	9,506 8,436
Santore Ringar ²	6	6 7	Amer	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md Baltimore, Md	Iron ore	11,300
Leticia 2.	6	8	Nor Pan	Mitsui Line A. Tagaropulos	Manila, P. I Balboa, C. Z Honolulu, T. H.	Cristobal, C. Z. New York, N. Y.	Sugar, gen Bananas	5,138 50
Republic 8	5	7 7	Amer.	A. Tagaropulos U. S. Army Pacific-Atlantic Co	Honolulu, T. H Portland, Oreg	New York, N. Y. Philadelphia, Pa.	General	193 8,073
San Simeon Virgilio ²	6	7	Amer	Italian Line	Valparaiso, Chile.	Genoa, Italy	General	4,371
Morviken 2	6	7	Nor	State Marine Corp	Nazugbo, P. I	II C Atlantia nto	Sugar	9,000
Sona ² Pirre ² Real ² .	6	7 7	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal	Bananas	38
Real 2	6	7	Pan	Elliot Ship. & Land Co.	Darien, R. P Iloilo, P. I	Cristobal, C. Z.	Bananas	37 7,489
Grete Maersk 2 Point Bonita	6	8 7	Dan Amer	A. P. Moller Swayne & Hoyt	S. Francisco, Cal.	Baltimore, Md. Tampa, Fla United Kingdom.	General	6,463
Point Bonita King Neptune 2	7 7	7 8	Brit	Dodd, Thomson & Co Calmar S. S. Corp	Pt. Alberni, B.C Portland, Oreg	United Kingdom.	Lumber	6,816 7,650
Portmar	7	8	Amer	Canadian-Gulf Line	Powell Riv., B.C.	Baltimore, Md Houston, Tex	Lumber Paper	2,937
California	7	8	Amer.	States S. S. Co	Portland, Oreg Pto. Arm'les, R.P.	New York, N. Y.	Lumber	7,356
Iriona	8	8.	Hond	United Fruit Co Mitsui Bussan Kaisya	Cebu, P. I Portland, Oreg	Mobile, Ala New York, N. Y. Baltimore, Md	Bananas	1,120 7,700
Illinoian	- 8 - 8	8	Amer	AmerHawaiian Line. Grace Line	Portland, Oreg SanAntonio, Chile	Baltimore, Md New York, N. Y.	Lumber, gen. General	8,920 5,282
Dakotan	8	9	Amer	AmerHawaiian Line.	Pt.Angeles, Wash.	Roston, Mass	General	6,720
Kongsgaard 1 2.	8	10	Nor	Petrofina Bruxelles	Talara, Peru. Chemainus, B. C.	Dunkerque, Fr United Kingdom.	Crude oil Lead, lum	14,458 8,830
Hoperidge ² Colombia ²	8		Brit Pan	Ministry of Supply Elliot Ship. & Land Co.	B'ventura, Col	Cristobal, C. Z. Brooklyn, N. Y.	Coffee	1,082
Chateau Thierry 8	8	10	Amer	U. S. Army	S. Francisco, Cal. Cruz Gr'de, Chile	Brooklyn, N. Y Baltimore, Md	General	924 11,500
Firmore Nero ²	9		Neth	Ore S. S. Corp Royal Neth. S. S. Co.	B'ventura, Col	Cristobal, C. Z Cristobal, C. Z	(22)	548
Nero ² . Manto ² . Porto Bello ²	9	9	Neth Pan	Royal Netb. S. S. Co. A. Tagaropulos	Guayaquil, Ecna. Darien, R. P.	Colon P P	(23) (24)	396
Agwiworld 1	8	10	Amer.	Asiatic Pet. Co	Los Angeles, Cal.	Curacao, N.W.I	Ballast	10
Charleston 13	9		Amer Nor	U. S. Navy	Balboa, C. Z	Curacao, N.W.I Cristobal, C. Z Cristobal, C. Z	General	932
Ciss Roxane 1 2	10	10	Fr	International Pet. Co.	Champ'ico, Guat. Talara, Peru	France	Crude oil	10,770
Sona 2	10 10	10	Pan Amer	Elliot Ship. & Land Co. AmerHawaiian Line.	Darien, R. P Portland, Oreg	Cristobal, C. Z Boston, Mass	Bananas General	7,773
Carolinian Istmo	10		Colom.	Colombiana Cabotaje.	B'ventura, Col	Cristobal, C. Z. Curacao, N. W. I.	Ballast	1
Istmo Toorak ¹ Bradford City ²	9 10	10 10	Brit Brit	Asiatic Pet. Corp Seaboard Lum. Co	Los Angeles, Cal. N. Westm'er, B.C.	Curacao, N. W. I. England	(25) Lumber, gen.	12,320 8,900
Fortuna 2	10		Pan	Elliot Ship. & Land Co. States S. S. Co.	Darien, R. P	Cristobal, C. Z.	Bananas	50
Texas	10		Amer	States S. S. Co Watson Geach & Co.	Masinloe, P. I	Philadelphia, Pa.	(26) Lead conc.	7,700
Aghios Markos			Greek.	Watson Geach & Co	Callao, Peru	Galveston, Tex.	Lead conc	

¹ Tanker. ² Motor ship. ⁴ Tug. ⁸ Transport. ¹³ Gunboat. ¹⁴ For orders. ¹⁵ Towing barge No. 206. ¹⁶ Plantains and lumber. ¹⁷ Box shooks, lumber. ¹⁸ Lumber, pulp, general. ¹⁹ Oats, copper, general. ²⁰ Sugar, coconut oil, general. ²¹ Sugar, silk, general. ²² Coffee, hides, general. ²³ Wood, coffee, general. ²⁴ Plantains, lumber. ²⁵ Carbon black, kerosene distillate. ²⁶ Chrome, iron ore.

THE PANAMA CANAL RECORD





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No. 8

Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Traffic Through the Panama Canal in February 1940 The total vessels of all kinds transiting the Panama Canal during the month of

Balboa Heights, C. Z., March 15, 1940

February 1940, and for the same month in the two preceding years, are shown in the following tabulation:

Volume XXXIII

		February 194	10	February		
	Atlantic to Pacific	Pacific to Atlantic	Total	1939	1938	
Ocean-going commercial traffic	191 45	211 37	402 82	501 78	436 73	
United States Government. California Training Ship. U, S. Coast Guard.	34	24 1 2	58 1 2	28	3.	
For repairs						
Total	270	275	545	607	54	

¹ Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC 2

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve months ended February 29, 1940, as compared with the twelve months ended February 28, 1939:

Month	No ves			Canal net nage	net Tons of eargo Toll:		lls	
	1939-40	1938-39	1939-40	1938-39	1939–40	1938-39	1939-40	1938-39
March. April May June July August September October November January February	506 479 485 490 457 458 489 489 466	506 487 465 445 429 468 438 494 505 509 525 501	2,586,580 2,278,326 2,341,894 2,268,679 2,254,398 2,247,009 2,119,418 2,068,665 2,178,556 2,116,424 2,056,568 1,782,977	2,311,526 2,258,836 2,150,228 2,064,793 1,933,816 2,177,699 2,005,241 2,276,194 2,302,333 2,336,011 2,380,916 2,282,318	2,664,068 2,472,504 2,538,949 2,437,087 2,317,697 2,385,039 2,445,700 2,386,314 2,472,503 2,361,176 2,337,943 2,123,574	2,268,548 2,279,235 2,309,171 2,122,389 2,025,660 2,171,674 1,998,464 2,359,673 2,223,830 2,374,395 2,393,360 2,206,963	\$2,252,156.28 1,999,851.16 2,053,502.16 1,977,431.94 1,974,380.72 1,964,776.48 1,855,574.22 1,815,210.24 1,915,075.38 1,840,096.98 1,795,241.88 1,567,416.06	\$2,015,585.34 1,961,456.58 1,886,825.66 1,801,291.78 1,694,205.00 1,890,050.74 1,741,895.46 1,977,706.76 1,984,014.72 2,031,017.04 2,062,454.16 1,996,735.66
Total	5,770	5,772	26,299,494	26,479,911	28,942,554	26,733,362	23,010,713.50	23,043,238.90

² Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of February 1940. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific. Pacific to Atlantic.	45 37	1,579 1,423	\$1,182,06 1,276.38	149 1,605
Total	82	3,002	2,458.44	1,754

Traffic by Nationality of Vessels 3 for February 1940

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
British	. 68	376,044	\$330,818.22	398,714
Chilean		15,043	13,538.70	10,162
Colombian	. 2	904	732.24	690
Danish	. 16	55,089	49,580.10	58,165
Finnish	. 1	5,157	4,641.30	8,440
French	. 9	30,130	26,165.70	25,203
Greek	- 1 2	30,439	26,382.78	41,926
Honduran	1	11,654	9,936.00	4,595
Italian	- 4	23,992	21,592.80	23,150
Japanese	. 18	109,682	97,485.12	128,897
Latvian	1 1	3,190	2,871.00	5,000
Mexican	27	46.732	$648.00 \\ 41.537.70$	694 34,896
Netherland	11 74	210,422	183,069,72	258.121
Norwegian		40,923	35,032.32	40.792
D :	1 49	654	470.88	40,192
Pernyian . Rumanian .	1 1	3,489	3,140,10	6,181
Spanish	2	7.721	6,948.90	15,290
Swedish	6	34.143	29,939.58	40,502
II-it-d Otata	160	772.816	679,981.14	1,021,656
Yugoslav	100	4,033	2,903.76	1,021,000
Total	402	1,782,977	1,567,416.06	2,123,574

³ Tolls-paying vessels of 300 or more net tons, Panama Canal measurement,

Traffic by Trade Routes for February 1940

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

	1	Atlantic to P	acific		Pacific to At	lantic
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	38	192,671	193,201	59	284,047	447,703
Canada	2	9,518	3,576	1	2,319	2,937
Central America/Mexico	5	8,827	9,576	6	11,355	7,713
South America	29	129,112	58,241	27	107,209	241,149
Hawaiian Islands	3	19,198	9,811	1	4,376	6,12
Australasia	3	14,382	21,378			
Philippine Islands	9	49,520	55,799	16	84,297	115,36
Far East.	23	121,376	177,689	5	28,107	32,36
East coast Canada and:						
Australasia	4	25,118	23,711	1	4,523	5,09
Far East	1	6,379	8,196			
Central America/Mexico intercoastal	1	720	694	1	972	
East coast Central America/Mexico and Far East	1	6,826	11,964	1	6,826	
South America intercoastal	6	11,217	16,624			
East coast South America and:	1	4.424	4.046			
United States	1	5,409	4,046	1	5,425	6.45
Far East	1	5,409	4,079	1	0,420	0,40
				1	2,407	4.59
Central America/Mexico	4	3,996	2.156	3	2,369	2,96
South America	13	12,291	9,226	19	18,823	14,85
West Indies and:	10	12,201	5,220	10	10,020	14,00
United States	1	4,671		3	12,972	26,22
Central America/Mexico	i	1,579			12,012	20,22
Sonth America	4	24,704	33,805	1	6,016	5,24
Balboa	3	8,008	16,121	2	2,895	
Europe and:		0,000	10,111		_,	
United States	7	38,695	9,814	4	15,143	20,05
Canada	13	67,860	12,552	26	134,850	213,97
South America	10	45,314	12,902	15	74,964	121,80
Australasia	5	36,053	13,905	9	69,798	69,73
Philippine Islands	1	6,711	8,743			
Africa and:						
United States				1	4,233	5,44
Canada				1	5,474	7,50
Sonth America				1	3,558	7,00
Asia and west coast Canada				2	5,945	7,32
Egypt and South America Around the world		14 70 4	11 107	2	8,089	14,57
Around the world			11,165	1	6,672	8,40
Vessels not engaged in commerce				4 1		
Total	191	869,313	728,974	211	913,664	1,394,600

⁴ Naval vessel.

Origin and Destination of Cargo by Major Areas, February 1940

The following table summarizes the origin of cargo passing through the Canal in February 1940, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

	Tons of cargo destined for—						
Origin	United States	Other North America	Asia	South America	Austral- asia	Total	
North America: United States Other North America Europe Miscellaneous	200,391 2,477 11,235 5,153	23,817 20,072 9,342 27	241,353 14,571 8,754 3,253	56, 152 47,717 10,296 15,370	39,406 12,549 5,894 1,145	561,11 97,38 45,52 24,94	
Total	219,256	53,258	267,931	129,535	58,994	728,97	

PACIFIC TO ATLANTIC

		-			
Origin	United States	Other North America	Europe	Miscel- laneous	Total
North America: United States. Canada. Other North America. South America Australasia Asia.	438,790 2,937 13,129 238,382 3,640 151,660	41,247 110 3,451 24,101 1,495 1,958	65,173 166,691 1,321 120,817 69,693	12,620 14,865 21,587	557,830 184,603 17,901 404,887 74,828 154,551
Total	848,538	72,362	423,695	50,005	1,394,600

Principal Commodities

Commodities which aggregated 10,000 or more tons either during February 1940, or in February 1939, are listed below:

Commeditue	Febr	uary	Commodity	February		
Commodity ·	1940 1939		Commodity	1940	1939	
Atlantic to Pacific	11 009	0.411	Pacific to Atlantic—Continued	05.055	70 54	
Ammonium compounds	11,683 11,528	$\frac{2,411}{25,955}$	Canned goods	95,655 16,386	72,54 15,94	
Canned goods	10,945	11,005	Coffee	46,766	26,55	
ement	9,705	16,628	Copra	9,143	12,53	
Coal and coke	8,061	18,505	Flour	18,890	13,95	
Cotton, raw	46,958	17.285	Fruit, dried	28,713	21.79	
ron and steel	141,805	110.769	Fruit, fresh 6	6,434	32,43	
Machinery	17,344	15,005	Lumber	353,152	238,73	
Metals, various	30,324	34,480	Metals, various	39,443	42.94	
Oils, mineral	110.204	91.793	Nitrates	99,379	145,59	
Paper	26,135	22,021	Oats	7.747	10,63	
Phosphates	350	11,861	Oils, mineral	127,212	178,48	
Scrap metal	63,883	110,379	Oils, vegetable	15,379	16,35	
Sulphur	31,844	6,892	Ores, various	189,010	155,20	
Cinplate	22,252	5,902	Paper	12,687	13,11	
Wood pulp	10,782	3,506	Rubber, raw	11,749	1,31	
1 1			Soy beans		33,14	
Pacific to Atlantic			Sugar	100,662	48,10	
			Wheat	43,149	252,00	
Barley	8,036	27,790	Wood pulp	26,535	22,51	
Beans, edible, dry	16,179	22,412	Wool	22,683	7,1	

⁵ Except fresh fruit. ⁶ Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of February 1940, as reported in the cargo declarations showing the movement by direction, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise, but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity		l States coastal	Total for routes in U. S. inte	ncluding
Commodity	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlanti
ircraft and parts 7		8	51	
gricultural implements Ifalfa meal	223	355	1,348	3
mmonium compounds	717	300	11,683	
nimal foods ⁷ pparel, wearing (hats, shoes, clothing, etc.) sbestos		29		1
sbestos	84 628	20	84 3,686	
sphalt and tar. utomobiles (and autotrucks)	98	9	3,526	
utomobiles (and autotrucks) utomobile parts and accessories	1,785 789	13 52	7,364 4,164	
ags and bagging, textile	338	33	672	
amboo and products			• • • • • • • • • • • • • • • • • • • •	
ananas. arks, miscellaneous.				4,
arley,		70		8,
eans, edible, dry	20 54	7,799	31	16,
ood and tankage	34		208	
ones and bone meal			550	
ooks and printed matterorax	23	511 420	23	9
an and pollards	61	184	61	3,5 2,6
icks and tile	34		265	
amphor, crude. unned and preserved goods:				
FISH	69	9,487	627	14,
Fruit	2,965	25,113	3,034	50,
Meat Milk	7	33	25 575	
Soup	3,740	2,500	3,760	2,
Vegetables Miscellaneous and unclassified	154	10,701	257	11,
arbon black	1,588	12,701	2,667 1,050	15,
ente		50		
ement	313		9,705	
nalk narcoal	14		547 14	
nemicals 7ay, china and fire	2,921	388	8,956	1,6
ay, china and fireay, filtering	115	196	4,721	3
pal	44 652	31	7,512	
ocoa and cacao beans connuts and products 7.	245	53	469	
office	68 79	1,475 374	$\frac{76}{3,099}$	$\frac{1}{16}$
N/CO		014	549	10,6
old storage and refrigerated products:		**	240	20.1
Dairy products Eggs.		52	218	20,
Fish	67		89	į
Lard			170	
Meats Poultry	241	104	272 5	24,8
Vegetables Other and unclassified		7	1	
Other and unclassified infectionery	192	1	212	4
pra	1,129		1,228	8,6
opra meat and cake				4
orn otton, raw	91 110	1,030	616 46,958	0.0
cosote	24	1,000	29	8,0
ugs and medicines.	2,317	114	2,837	1
	12	72	844	
ectrical apparatus and appliances	1,367	176	3,513	2
lanti and metatware	979	12	1,472	2
tract, quebracho	217	31	508 1,334	
rtilizers 7	492	250	492	1,0
sh meal por coverings	2,259	1,139	2,360	1,6
our	2,209	16,231	716	1,4 18,8
uit, dried	12	14,989	12	28,7
uit, fresh 7 rniture and household goods	196	915 136	535 209	6,4
llnuts				2
neral	8,574	5,034	36,807	9,9
ase and alocamore				
ass and glasswareue.	1,434 15	20	4,202	6

⁷ Except as otherwise classified.

Commodity		l States coastal	routes in	all trade neluding ercoastal
Commonly	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Gums Hair, all kinds Hav	18 18	121 173	20 20	612 8,515
Hay Hemp, unmanufactured Honey Honey	12	715 65	17	184 3,669 155
Hops Horns and hoofs Infusorial carth Iron and steel, maunfacturers of (structural steel, plates, bars, angles,		25		288 3 1,596
pipe, etc.)	74,229	402	141,805	442 1,069
Jute, unmanufactured Lard substitute Lime	68 662		225 662 728	210
Liquors Lumber (including manufactured mill products). Machinery. Malt.	2,588 1,227 2,255 39	760 200,331 439	3,895 5,746 17,344 73	763 353,152 591 255
Marble and granite	12,604	427 173	18,978 108 206	738 173
Metals: Antimony Copper Gold and silver	465	27 1,691	$\frac{22}{12,873}$	436 24,109
Lead Tin	778 92 98	738 148	3,468 4,258 477	8,330 3,417
Zine. Other and unclassified Milk, powdered Molasses and syrups.	57 593 296	5 262 18	3,339 5,887	5,850 616 775
vurate. Vuts, edible (including meats) Dats. Dils, mineral:	185 23 49	872 303	3,903 23 58	1,068 99,379 1,082 7,747
Crude. Gas and fuel. Gasoline, benzine, and naphtha. Kerosene.		29,145 11,424	13,216 $62,744$ $6,125$ 174	49,396 48,521 11,519 12,120
Lubricating and greases. Other and unclassified. Dils. vegetable:	8,311 64	2,186	27,511 434	5,353 303
Coconut. Cottonseed Linseed Olive Peanut Teaseed	31 22 57	6	791 51 63 57	10,749 6 706
Wood. Wood. Other and unclassified. Oil, fish. Dilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	21 130 144	33 49 1,338	80 421 199	3,243 633 1,402
oliseed cotton, flax, hemp, sesame, rapeseed, etc.) liseed cake and meal res: Antimony	90 3,686	67	2,097 3,686	485 1,729
Chrome. Copper Iron.		700	50	1,348 23,188 8,957 129,400
Magnesite Manganese Tin		3,028	203	6,606 3,028 6,516 8,070
Other and unclassified Paints and varnishes Paper and paper products 7	1,829 12,033	48 199 8,351	247 680 3,163 26,135	1,897 467 12,687
eas, dry. eatmoss. hosobates	610 9 323		610 199	107
raster Vorcelainware Votash	279	28 1,105	350 79 463 502	562 2,085
lags and waste kailroad material tice	342 3,799 858	507	1,287 4,449 997	5,059
tope and twine	264 545	31	311 2,027	80

Commodity		States oastal	Total for routes in U. S. int	all trade acluding ercoastal
Commonity	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rubber: Manufactured Raw	1,279	280	2,297	310 11,749
Scrap Salt Sand	157	635	978 1,239 477	11 635 770
Serap metal. Seeds (exeept oilseeds) Shells, all kinds.	200 33 291	212 352	63,883 67 318	317 623 362
Silk, raw Skins and hides Slate	337	133 1,061	198 337	618 2,530
Soaps and products. Soda and sodium compounds: Soda ash. Soda ash.	1,538 153 635	75	1,684 609 1,254	219 206
Soda, caustic. Miscellaneous and unclassified Soy beans Spices	995 611 136	900	1,631 611 143	87 1,831
Sugar Sulphur Tale	15,100	18,524 54	31,844	100,662 144 120
Tallow Tea Textiles ⁸ Tinplate	15 59 3,409 5,649	165 30 98	$ \begin{array}{r} 15\\ 120\\ 5,987\\ 22,252 \end{array} $	2,281 669 2,336 56
Tobacco and manufactures Toilet preparations Turpentine	310 419 159	429 37	6,233 558 344	460 37
Vegetahles, dry ⁷ . Wall board Wax, paraffin Wheat	25 173	101 10,399	40 25 213	1,357 449 265 43,149
Wines Wood pulp Wool	16 86 30	1,299 23,072 641	$\substack{\substack{1,262\\10,782\\527}}$	1,415 26,535 22,683
Total, February 1940.	200,391	438,790	728,974	1,394,600
Total, February 1939.	164,927	330,618	695,977	1,510,986
Total, February 1938.	161,550	246,793	658,617	1,340,210

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of February 1940.

		Atlantic to Pa	cific		Pacific to Atla	antic
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal Central America/Mexico and Far East. South America intercoastal Cristobal and United States West Indies and: United States. South America Balboa Europe and: United States South America	6 1 1 1 4 3	32,585 6,826 7,124 4,671 24,704 8,008 4,488 24,524	3,703 11,964 14,052 33,805 16,121	5 1 1 2 1 2 1 2	27,933 6,826 2,407 10,807 6,016 2,895	40,514 4,594 22,224 5,246 49,396
Total	21	112,930	79,645	16	81,408	121,97

Transit of Vessel of Rumanian Nationality

The Rumanian steamship *Siretul*, of 3,630 gross tons, transited the Canal on February 1940, bound from Chile to Europe with a cargo of nitrate. This is the first vessel flying the Rumanian flag to have transited the Canal.

⁷ Except as otherwise classified. ⁸ Cotton, silk, wool, rayon goods.

Comparison of Canal Traffic in February 1940, with February Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

		Month of Febr	ruary		Averag	ge per month fo	or fiscal year
Calendar year	No. of transits	Panama Tons Canal net of tonnage cargo		Fiseal year	No. of transits	Panama Canal net tonnage	Tons of cargo
1915 1916 1917 1918	9 88 130 149	(000 omitted) 293 428 450	(000 omitted) 424 547 473	1915 1916 1917 1918	10 100 60 145 165	(000 omitted) 334 184 447 506	(000 omitted) 466 258 588 627
1919 1920 1921 1922 1923	153 200 236 207 318	473 650 848 820 1,414	563 780 953 838 1,563	1919 1920 1921 1922 1923	162 199 232 222 325	472 659 879 880	576 781 966 907
1924. 1925. 1926. 1927.	415 369 416 435	1,951 1,654 1,841 2,035	2,244 1,839 2,139 2,229	1924 1925. 1926. 1927	429 382 424 441	1,434 2,016 1,761 1,909 2,020	1,631 2,249 1,996 2,169 2,311
1928 1929 1930 1931	523 510 475 419	2,274 2,245 2,190 1,973	2,659 2,549 2,377 1,929	1928 1929 1930 1931	521 524 502 447	2,269 2,299 2,310 2,140	2,468 2,554 2,502 2,089
1932 1933 1934 1935 1936	345 344 452 430 452	1,737 1,694 2,277 2,040 2,148	1,645 1,434 2,124 1,836 2,155	1932 1933 1934 1935 1936	364 347 436 432 449	1,820 $1,758$ $2,201$ $2,143$ $2,160$	1,650 1,513 2,059 2,109 2,209
1937 1938 1939 1940	377 436 501 402	1,795 1,993 2,282 1,783	1,840 1,999 2,207 2,124	1937 1938 1939 1940 (8 months)	467 460 492 465	2,239 2,163 2,264 2,103	2,507 2,282 2,322 2,354

⁹ Canal opened August 15, 1914.

Terminal Activities

Ships repaired during the month of February 1940, numbered 65. Vessels released from dry dock numbered 9. Fuel oil amounting to 395,378 barrels was delivered as bunkers to 163 ships. Bunker coal amounting to 7,545 tons was delivered to 23 commercial ships. Sales of commissary supplies to ships aggregated \$53,965.38.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving tons. Local cargo shipped tons. Cargo received for transshipment tons. Cargo transshipped. tons	43,418	18,523	61,941
	1,507	523	2,030
	53,598	1,404	55,002
	1,367	112	1,479
"Canal Zone for Orders" cargo: Number of receipts issued Number of releases issued Tons received Tons withdrawn	10	5	15
	48	18	66
	238	22	260
	94	9	103

All Vessels Entering and Clearing Port

		Port of Cris	tobal	Port of Balboa			
	No.	Registered	Registered	No.	Registered	Registered	
	of	gross	net	of	gross	net	
	ships	tonnage	tonnage	ships	tonnage	tonnage	
Ships entering All vessels, including those transiting Canal. Vessels entering port but not transiting Canal Vessels transiting Canal and handling passengers and eargo at terminal ports	484	2,693,280	1,643,814	452	2,518,836	1,543,336	
	51	238,338	134,336	13	37,524	18,672	
	108	579,380	344,163	86	565,636	337,105	
Ships clearing All vessels, including those transiting Canal. Vessels clearing port but not transiting Canal. Vessels transiting Canal and handling passengers and cargo at terminal ports	479	2,689,787	1,639,171	446	2,486,351	1,519,754	
	54	242,453	138,267	15	42,983	23,279	
	108	598,585	351,816	86	561,308	334,330	

¹⁰ Canal closed part of month due to slides.

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month of February 1940. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTORAL

Orotava, 375, 879 Cottica, 5, 91 Cottlearon,
Yomachichi, 853, o
Defftdijk, 0, 694
Nero, 74, 109
Imperial, 295, 152
Colombia, 1,272, 814
U.S.A.T. Meigs, 2,072,
115
298, 32
Salvador,
Beshott, 92, 0
Sado Maru, 358, 4
San Pablo, 417, 82
Douro, 542, 0
Tachira, 271, 423
Chiriqui, 522, 23
Chiriqui, 522, 23 Pericles, 2,867, 4,574 Laguna, 988, 210 Jamaica, 619, 566 Macabi, 2, 0 Saturnus, 1,718, 3,577 Antarus, 4, 0 Onomea, 474, 21 U.S.A.T. Republic, 274, 45 113, 981 Morviken, 0, 14 Titania, 0, 2 Nemours, 0, 35 Ringar, 0, 16 Somerville, 0, 20 Costa Rica, 17, 1,223 Cefalu, 685, 155 Greta Maersk, 479, 55 La Paz, 876, 246 Zacapa, 1,643, 579 Virgilio, 156, 281 Emma Bakke, 0, 1 Colombia, 1,201, 615 Nero, 603, 238 Vinland, 31, 509 Vinland, 31, 509 lstmo, 0, 47 Ciss, 1,012, 1,256 Tekoa, 41, 0 Penmar, 1,388, 0 Orduna, 0, 93 Contessa, 577, 189 U. S. A. T. Liberty, 2,351, 149 Amor, 0, 2,773 Copiapo, 31, 18 Virginian, 7, 0

Musa, 2,148, 507 San Antonio, 156, 205 Notos, 75, 835 Salvador, 818, 0 Besholt, 92, 0 Sado Maru, 358, 45 San Pablo, 417, 853 Chiriqui, 522, 231 Vermar, 1,670, 0 Ulua, 710, 29 Lochmonar, 325, 63 Douro, 379, 425 Benjamin Franklin, Niel Maersk, 11, 2 Real, 0, 27 Marna, 0, 8 Hermes, 791, 846 Cristobal, 5,312, 321

932 Veragua, 465, 609 Chester Valley, 1,042, 186 Madoera, 758, 0 Choluteca, 482, 0 Doros, 0, 873 Santa Elena, 400, 10 President Adams, 0, 1 Sona, 0, 25 Ancon, 5,880, 510 Santa Lucia, 319, 28 Amerika, 1, 40 Quirigua, 424, 932 Colombia, 1,101, 749 Leme, 483, 594 Hunter U. S. A. T. Republic, 6, 0 6, 0 U. S. A. T. Chateau Thierry, 3, 0 Chiriqui, 209, 421 Telde, 0, 285 West Ekonk, 203, 0 Ville de Verdun, 1, 11 Husvik, 247, 62 Indianan, 127, 154 Hulda Maersk, 875, 521 Talamanca, 390, 64
Talamanca, 390, 65
Santa Marta, 639, 318 Svealand, 0, 3
U. S. A. T. Chateau
U. S. A. T. Chateau
Terry, 1, 0
U. S. A. T. St. Mihiel, 5, 0
U. S. A. T. St. Mihiel, 5, 0
Thierry, 141, 84
Cefalu, 409, 140
City of Los Angeles, 42, 12
Santa Inez 127

Cuty of Los Angeles, 558, 0
Uruguay 600
Uruguay 600
Uruguay 600
Uruguay 600
Uruguay 600

Margaret Johnson, 264. Sambu, 0, 52 Panama, 4,307, 824 Siris, 129, 874 Abangarez, 1,356, 65 Jamaica, 183, 1,001 Loreto, 0, 108 Lossiebank, 0, 1 Sixaola, 940, 155 Talamanca, 26, 989 Douro, 0, 155 Draco, 616, 296 Hermes, 471, 2,526 Yamabiko Maru, 850. Motagua, 0, 1 Fernglen, 0, 15 Staghound, 1,116, 496 Laurits Swenson, 22, 0 Olancho, 643, 63 Olancho, 643, 63 Helder, 1, 0 U. S. A. T. Chateau Thierry, 810, 68 U. S. S. Vega, 11, 0 Musa, 1,834, 281 Musa, 1,504, 281 Chipana, 2,262, 227 Santa Elena, 318, 47 Quirigua, 547, 105 Veragua, 296, 1,522 Colombia, 1,285, 842 Colombia, 1,285, 842 Sona, 0, 20 U. S. A. T. Chateau Thierry, 1, 0 U. S. A. T. St. Mihiel,

Harboe Jensen, 392, 166 Arica, 21, 572 Barge No. 213, 0, 20 Bonneville, 0, 1 Bonneville, 0, 1 Paula, 0, 6 Peter Maersk, 11, 13 Lagarto, 11, 147 Nemours, 393, 51 Tamesis, 646, 0 Stuyvesant, 0, 933 Salvador, 0, 115 Lionel, 0, 15 Pereira, 273, 39 Pereira, 273, 39 Socrates, 2,251, 1895 Colombia, 1,265, 595 Montanan, 7, 0 Governor, 277, 0 Nora, 33, 0 Brandanger, 6, 368 Kirsten B, 1,293, 674 Sta, Barbara, 223, 214 City of San Francisco, 509, 0 Tropic Star, 0, 11 Real, 0, 5 Velma Lykes, 1,324, 648 U. S. A. T. Republic, 702, 16 Cottica, 88, Contessa, 384, 83 Contessa, 384, 83 Santa Clara, 402, 4 M. E. barge, 30, 0 Marymar, 1,018, 0 San Diego, 353, 67 Orotava, 409, 1,100 Cottica, 125, 943 Kivosumi Maru, 407, 0 Barge No. 206, 11, 0 Barge No. 208, 35, 0

BALBOA

Hamlin F. McCor- Hermes, 0, 416 mick, 735, 0 Elena, 24, 0 Kungshom, 1, 0 Pereira, 0, 35 West Nilus, 1, 0 Margaret Johnson, 0, 1 1, 103, 2 U. S. A. T. Hunter Peter Maersk, 0, 4 Liggett, 0, 24 City of San Franci West Nilus, 1, 0 Liggett, 0, 24 City of San Francisco, Titania, 0, 1 Salvador, 1, 0 1, 0 U.S.A.T. Meigs, 309, 1 Copiapo, 1, 0 City of Los Angeles, Akaroa, 1, 0 S. 4, City of Baltimore, 2, 2 Kirsten B, 0, 12 U.S. A. T. Chateau V.S. A. T. Chateau V.S. A. T. Chateau V.S. A. T. Liberty, Santa Elena, 177, 26 Kirsten B, 0, 12 U.S. A. T. Chateau V.S. A. T. Liberty, Santa Clara, 336, 27 Yasukumi Maru, 353, 3 Colombia, 1, 0 Washington Express, Uruguay, 1, 0 Liberty, Santa Barbara, 3 1, Dachild 0, 4 U.S. A. T. Republic, 1 1, 095, 127. Santa Barbara, 3, 1 Daghild, 0, 4

Salvador, 0, 2 Express, California 1,103, 2 City of San Francisco, 1, 0 Imperial, 0, 6 U. S. A. T. Republic, 1,095, 127

City of Norfolk, 1, 0 Greta Maersk, 122, 0 Aghios Markos, 390, 390 Rialto, 1, 0 Heiyo Maru, 0, 5 Santa Maria, 297, 52 Amigasan Maru, 1, 0 Amigasan Maru, 1, Colombia, 1, 0 Santa Elena, 7, 28 Colombia, 0, 1 Madoera, 1, 0 Santa Lucia, 268, 27 Ciss, 0, 2 Amerika, 3, 0 Oregon Express, 541, 4

Hulda Maersk, 259, 0 Pericles, 0, 3 Acancagua, 0, 4 Awazisan Maru, 1, 0 Santa Inez. 1. 0 Acajutla, 0, 1 Acaputa, 0, 1 Colombia, 1, 0 Santa Barbara, 312, 4 Santa Clara, 13, 19 British Columbia Ex-press, 801, 0 U. S. A. T. Republic, 463, 29 San Diego, 707, 0 Socrates, 0, 1

Note.—Figures shown represent short tons of 2,000 pounds.

Passengers

During February 1940, ocean-ship passengers debarking at Cristobal numbered 2,614, embarking 1,777; at Balboa, 1,254 debarking and 889 embarking. Passengers passing through the Canal from the Atlantic to the Pacific 2,588, from the Pacific to the Atlantic 2,714. Commercial aircraft numbering 57 entered Cristobal with 384 passengers debarking; clearances were 54 with 385 passengers embarking. Balboa entries of aircraft numbered 48 with 151 passengers debarking; clearances were 48 with 158 passengers embarking.

Movements of Ocean Vessels Through the Panama Canal From midnight February 10, 1940, to midnight March 10, 1940

ATLANTIC TO PACIFIC

ATLANTIC TO PACIFIC											
	rived	eared	Nation-	Line	Po	ort	Cargo				
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long			
Colombia ² Manto ² Elmdene Vinland ² Penrith Castle ² . Katrina Luckenbach.	9 9 10 10 10 10	11 11 11 11 11	Pan Neth Brit Nor Brit Amer	Elliot Ship. & Land Co. Royal Neth. S. S. Co. Seaboard Shipping Co Knutsen Line Barber Line Luckenbach Line	Cristobal, C. Z. Cristobal, C. Z. Gilbraltar Kristians'd, Nor. New York, N. Y. New Orleans, La.	B'ventura, Col B'ventura, Col Vancouver, B. C. Valparaiso, Chile. Moji, Japan Tacoma, Wash	General Ballast General (13) General	944 126 3,841 7,286 8,546			
Elena ¹ Virginian Point San Pablo Europa ² Silvaplana ² Hamakua Ipswich Deroche ¹ Fortuna ³ Julia Luckenbach Red Jacket Waipawa ² Margaret Johnson. ²	11 11 11 11 11 11 11 11 11 11 11 11 11	11 11 11 12 12 12 12 12 12 12	Neth Amer Dan Nor Amer Amer Amer Pan Amer Brit Swed	Cur. Scheevpvart My. AmerHawaiian Line. McCormick S. S. Co. East Asiatic Co. Continental Grain Co. Isthmian S. S. Lines. Mitsui & Co. Union Oil Co. of Calif. Elliot Ship. & Land Co. Luckenbach Line	Curacao, N. W. I. Boston, Mass. Philadelphia, Pa. Copenhagen, Den. New York, N. Y. Baltimore, Md Norfolk, Va. Perth Amboy, N.J. Cristobal, C. Z. Boston, Mass. New Orleans, La. London, England Malmo, Sweden.	Balboa, C. Z. Seattle, Wash Seattle, Wash Vancouver, B. C. Vladivos'k, Rus. S. Francisco, Cal. Kawasaki, Japan. Los Angeles, Cal. Balboa, C. Z. Seattle, Wash New Zealand Seattle, Wash	(14) General. General. General. Pipe fittings. Sul. of am Ballast. Ballast. Cotton, lead. Ballast. Gen., steel. Cotton, cad. Gen., cement	7,538 5,223 8,144			
Sona ² Porto Bello ³ J-52 ⁵ Rita ¹ Kenmar Pericles ² Svealand ² Hokuroku Maru ² Columbia Star ² Ciss Birchbank ²	14 10 14	12 13 13 14 14 14 14 15	Amer Neth Amer Neth Swed Jap Brit Nor Brit	Elliot Ship. & Land Co. A. Tagaropulos. U. S. Army. Cur. Scheepvart My. Calmar Line. Royal Neth. S. S. Co. Ore S. S. Corp. Osaka Syosen Kaisya. Blue Star Line Grace Line. Bank Line, Ltd.	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Curacao, N. W. I. Baltimore, Md. Cristobal, C. Z. Baltimore, Md. Boston, Mass. London, England Cristobal, C. Z. Tampico, Mex. Boston, Mass.	Balboa, C. Z. Real, R. P. Gatun, C. Z. Balboa, C. Z. Seattle, Wash. W. coast S. A. Cruz Gr'de, Chile Kobe, Japan. Vancouver, B. C. Champ'ico, Guat. Adelaide, Aust'lia	General. General. Ballast Fuel oil. Steel, gen. General. Ballast Gasoline, gen Ballast General.	3,861 8,155 3,458 7,888 1,182 7,790			
Pennsylvanian Aobasan Maru ² . Miraflores ⁵ . Fortuna ³ . Real ² . Tuira ² . Sambu ² . Santa Lucia. Port Fremantle ² . San Antonio. Trojan Star.	14 14 12 13 13 13 14 15 14 15	16 16	Amer Pan Pan Pan Pan Pan Amer Brit Fr Brit	Amer. Hawaiian Line. Mitsui Bussan Kaisya U. S. Army Elliot Ship. & Land Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co. Crace Line Port Line, Ltd. French Line Blue Star Line	Philadelphia, Pa. Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z New York, N. Y. New York, N. Y. Havre, France London, England	Portland, Oreg. Osaka, Japan. Gatun, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. SanAntonio, Chile Fremantle, Aust Vancouver, B. C. New Zealand	Steel, gen. Tow. barge. Ballast Ballast Ballast Ballast General. General. Ballast	8,126			
Queen Anne 2 L-53 5 Fernbrook 2 Kenyo Maru 1 2 Aconcagua 2 Col. Riche 5 Reinholt 2 Notos 2 City of Baltimore.	15 16 16 16 16 14 17 16	17 16 16 16 17 17 17	Amer Jap Chile Amer Nor Nor Neth Amer	Thos. Dunlop & Sons. U. S. Army. Texas Sulphur Co. Yamashita S. S. Co. Sud Amer. de Vapores U. S. Army. De La Rama S. S. Co. Royal Neth. S. S. Co. Panama-Pacific Line. Nippon Yusen Kaisya	Cristobal, C. Z. Philadelphia, Pa Cartagena, Col. New York, N. Y.	Vancouver, B. C. Gatun, C. Z. New Zealand. Dairen, China Valparaiso, Chile. Gatun, C. Z. Manila, P. I. Guayaquii, Ecua. S. Francisco, Cal. Kobe, Japan	Ballast. Tow. barge. Sulphur. Crude oil General. Tow. barge. General. General. (15)	7,531 11,964 2,667 5,488 840 3,991 7,349			
Naruto Maru ² Krossfonn ¹ ² Anniston City Colombia ² Absaroka Asakasan Maru ² Draco ² Lossiebank ² L-41 ⁵	16 17 15 17 17 17 5 17	17 18 17 17 17 18 18	Amer Pan Amer Jap Neth Brit Amer	Pechelbronn. Isthmian S. S. Lines. Elliot Ship. & Land Co. McCormick S. S. Co. Mitsui & Co. Royal Neth. S. S. Co. Andrew Weir & Co. U. S. Army.	Boston, Mass Donges, France Baltimore, Md Cristobal, C. Z New York, N. Y. New York, N. Y. Cristobal, C. Z Baltimore, Md Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	Lobitos, Peru Penang, Str. Set. B'ventura, Col Seattle, Wash Moji, Japan	Ballast Steel, gen General General				
Colon ² Mussolini ² Col. Riche ⁵ Liberty ⁸ Tuscaloosa ¹² Jouett ⁹ Lang ⁹ San Pablo Telde Samuel Bakke ²	16 16 16 13 18 18 18 16 16 16	18 18 18 18 18	Amer Amer Pan Hond Nor	H. Obarrio. H. Obarrio. U. S. Army. U. S. Army. U. S. Navy. U. S. Navy. U. S. Navy. U. S. Navy. U. S. Vavy. U. S. Vavy. United Fruit Co. United Fruit Co. Knut Knut Knutsen, O.A.S.	Cristobal, C. Z. Cristobal, C. Z. New York, N. Y. Pensacola, Fla. Pensacola, Fla. Pensacola, Fla. New Orleans, La. Philadelphia, Pa. Goth'burg, Swed.	Hongkong, China Balboa, C. Z. Balboa, C. Z. Quepos, C. R. Pto. Arm'les, R. P. Los Angeles, Cal.	Ballast General	1,901 160			
Montanan Peter Maersk ² Kiyokawa Maru ²	17 18	18 19 19	Amer	AmerHawaiian Line. Maersk Line. Kawasaki K. Kaisva.	Boston, Mass Boston, Mass New York, N. Y.	Seattle, Wash Cebu, P. I Osaka, Japan	General General Iron, cotton.	2,914 7,088 8,324			

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ⁵ Transport. ⁹ Destroyer. ¹² Cruiser. ¹³ Scrap iron, general. ¹⁴ Gasoline, lubricating oil. ¹⁵ General, steel, lubricating oil.

ATLANTIC TO PACIFIC—Continued

	1		·					
CD 4	rrived	leared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Fortuna ³ Sona ² Daghild ¹ ² San Francisco ¹² . W. S. Miller ¹ Storass ¹ ² William L. Thompson.	17 17 18 19 18 18 18	18 18 19 21 19 19 20	Pan Pan Nor Amer Nor Amer	Elliot Ship. & Land Co. Elliot Ship. & Land Co. Standard Oil of N. J. U. S. Navy. Standard Oil of Calif. Anglo-Saxon Pet. Co. Thompson Salmon Co.	Cristobal, C. Z Cristobal, C. Z Aruba, N. W. I Guantan'o, Cuba New York, N. Y. Antwerp, Belgium Baltimore, Md	Balboa, C. Z. Balboa, C. Z. Iquique, Chile Balboa, C. Z. Estero Bay, Calif. Cabo Bl'co, Peru Portland, Oreg.	Ballast Fuel oil Ballast Ballast Ballast Ballast Ballast (15)	13,365
Steelore Venkoh Kaipaki ² . Griffeo Maria Cristina ³ . Col. Riche ⁵ . Ville de Verdun West Cusseta. Olopana Indianan Shekatika Capt. Condon ⁶ Lidvard ² . District of Col- mbina ¹	18 18 18 19 19 17 18 19 20 19 20	20 20 20 20 20 20 20 20 20 20 21 21	Amer Brit Brit Pan Amer Amer Amer Amer Amer Amer	Ore S. S. Corp. T. B. Torgersen. T. B. Torgersen. Trinder Anderson Co. Canadian Transp. Co. A. Tagaropulos. U. S. Army. Messaæries Marit'es. U. S. Maritime Com. Isthmian S. S. Lines. Chile Exploration Co. Chr. Salvesen & Co. U. S. Army. States Marine Corp. Standard Oil of Calif.	Baltimore, Md Texas City, Tex. St. John, N. B Antigua, B. W. I. Cristobal, C. Z. Cristobal, C. Z. Marseilles, Fr. Baltimore, Md New York, N. Y. Glasgow, Scot. Cristobal, C. Z. Hopewell, Va. Bayonne, N. J.	Cruz Gr'de, Chile Yawata, Japan. Adelaide, Aust Sta. Rosalia, Mex. Real, R. P. Gatun, C. Z. Noumea, N. Cal. Seattle, Wash. Tacoma, Wash. Valparaiso, Chile. Vancouver, B. C. Balboa, C. Z. James Is., B. C. S. Francisco, Cal.	Scrap iron. General. Ballast General. Ballast General. Ballast (16) General. Ballast Nit. of soda. (17)	7,550 6,146 3 2,350 7,638 5,365 3,576 3,703
Lagarto ² . Abraham Lincoln ² Pirre ² . Sambu ² . Tuira ² . Real ² . Sea Horse ⁵ . Salvador. President Van	20 20 20 20 20 20 20 20 20	21 21 21 21 21 21 21 21 22 22	Brit Nor Pan Pan Pan Pan Amer Brit Amer	Pacific Steam Nav. Co Fred Olsen & Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co. N. E. Parker. Pacific Steam Nav. Co AmerPresident Lines	Liverpool, Eng. Oslo, Norway. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Boston, Mass.	An'fagasta, Chile Seattle, Wash Balboa, C. Z Balboa, C. Z Balboa, C. Z Pedregal, R. P. Balboa, C. Z Champ'ico, Gnat. S. Francisco, Cal.	General. Cement, gen. Ballast Ballast Ballast General. Ballast General.	4,340 3,107 25 144 5,961
Buren. Horace Lucken- bach.	22	22	Amer	Luckenbach Line	Philadelphia, Pa	Seattle, Wash	General	5,242
Nortun Arica Pereira Kano Maru ² San Cristobal II ⁶ Anglo African City of Alma Charleston ¹³ M-298 ⁵ Overton ⁹ 1 Steel Seafarer 2 Colombia ² Mussolini ² Colon ² Colon ² Col. Riche ⁵ Brandanger ² Nora ² Douro ² Minnesotan Columbian Douro ² Edward Lucken-bach.	22 23 24 23 20 24 24 26 24 25 24 25	22 24 22 23 23 23 23 24 24 24 24 24 25 25 25 25 25 25 25	Pan Pan. Jap. Amer Amer Amer Amer Amer Amer Amer Amer Amer Amer Amer Pan Pan Pan Pan Pan Pan Amer Nor Neth Amer Neth Amer Neth Amer	States Marine Corp. French Line. Grace Line. Kokusai Kisen Kaisya J. Wesley Tate. Ministry of Shipping. States Marine Corp U. S. Navy. U. S. Army. U. S. Navy. U. S. Army. U. S. Navy. U. S. Navy. U. S. Army. U. S. Navy. U. S. Army. U. S. Navy. U. S. Army. General S. S. Corp. Wessel, Duval & Co. AmerHawaiian Line. AmerHawaiian Line. Royal Neth. S. S. Co. Luckenbach Line.	Savannah, Ga Havre, France. Cartagena, Col New York, N. Y. Key West, Fla., Cardiff, Wales Mobile, Ala Laguavra, Venez, Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Buenos Aires, Arg. New York, N. Y. Cristobal, C. Z. Bridgeport, Conn. Baltimore, Md. Cristobal, C. Z. Houston, Tex.	Shanghai, China Valparaiso, Chile. B'ventura, Col. Kobe, Japan B'ventura, Col. Vancouver, B. C. Comax, B. C. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Scattle, Wash B'ventura, Col. Balboa, C. Z. Catun, C. Z. Scattle, Wash Talcahuano, Chile B'ventura, Col. Portland, Oreg. Scattle, Wash Guayaquil, Ecua. Tacoma, Wash	Cotton General. Gasoline, gen (18) Ballast Ballast. Ballast. Ballast. Ballast. General. Ballast. Tow. barge. Gen. coffee Steel, gen General. General. General. General. General.	8,573 620 4,046 3,786 120 3,806 7,333 240 8,719
Santa Barbara ² . Kalani Javanese Prince ² . Sambu ² . Tuira ² . Susanna ¹⁴ Almiranta ³ . Alabaman . Spearfish ⁷ . Sudjpin ⁷ . Antinous . Laurits Swenson ² . Nemours ² . Timber Rush . Ebba ² . Porto Bello ³ . Porto Bello ³ . Republic ⁸ .	25 25 24 24 24 25 26 24 24 26 26 26 26 26 26 26 26	26 26 26 26 26 26 26 26 27 26 27 26 27	Amer Amer Pan Amer Pan Amer Amer Amer Amer Amer Amer Amer Amer Amer Amer Amer Amer Amer Amer Amer	Grace Line	New York, N. Y. Baltimore, Md. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Boston, Mass. Key West, Fla. Key West, Fla. Panama City, Fla. Oslo, Norway. Cristobal, C. Z. Boston, Mass. Cristobal, C. Z. Cristobal, C. Z. New York, N. Y.	Valparaiso, Chile. Honolulu, T. H. Moji, Japan. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Scattle, Wash San Diego, Calif. San Diego, Calif. Shanghai, China. Vancouver, B. C. B'ventura, Col. Scattle, Wash Balboa, C. Z. Real, R. P. Honolulu, T. H.	General. General. General. Scrap, gen. Ballast Ballast Ballast. General. General. General. General. General. General. General. General. General. General. General. General. General.	2,138 5,910 6,727 3,694 8,173 1,149 47 5,310

Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ⁶ Yacht. ⁷ Submarine. ⁸ Transport. ⁹ Destroyer.
 ¹² Cruiser. ¹³ Gunboat. ¹⁴ Sailboat. ¹⁵ Tinplate, paper. ¹⁶ General, structural steel. ¹⁷ Lubricating oil, grease.
 ¹⁸ Cotton, scrap iron. ¹⁹ Steel products, general.

ATLANTIC TO PACIFIC-Continued

	rived	eared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long
Pan Norway 1 2	26	28	Nor	Standard Oil of N. J	Aruba, N. W. I.	Talara, Peru	Ballast General	
Staghound L-53 5	$\frac{26}{20}$	28	Amer	Grace Line	New York, N. Y. Cristobal, C. Z. Brooklyn, N. Y. Cristobal, C. Z. Cristobal, C. Z.	Talcahuano, Chile	Tow. harge.	8,10
Chateau Thierry 8	27		Amer.	U. S. Army U. S. Army	Brooklyn, N. Y.	Balboa, C. Z	General	35
	24 24	28	Nor	Grace Line U. S. Navy	Cristobal, C. Z	Gatun, C. Z Balboa, C. Z Champ'ico, Guat.	General	67
Erie 13 Mayari	24	28	Amer.	U. S. Navy United Fruit Co	Cristobal, C. Z.	Balboa, C. Z Golfito, C. R	Ballast General	2,91
Santore	27 27	29	Pan	Ore S. S. Corp.	Banes, Cuba Baltimore, Md.	Cruz Gr'de, Chile	Ballast	2,01
Hegira Socrates ²	27	29	Amer.	Weyerhaeuser S. S. Co	Baltimore, Md New York, N. Y. Cristobal, C. Z	Seattle, Wash	Ballast	8,71
Socrates 2	22 28	29	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z.	W. coast S. Am.	General	1,30
Andrea F. Luck- enbach.	28	29	Amer	Luckenbach Line	Providence, R. I.	Seattle, Wash	General	7,44
Fortung 3	27		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z Balboa, C. Z Balboa, C. Z Balboa, C. Z Balboa, C. Z	Ballast	
Real ² . Cuango ² . Pirre ² . Woodcock ¹⁰ .	27		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Piero 2	27 27		Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Balboa C Z	Ballast Ballast General	
Woodcock 10			Amer.	U. S. Navv	Cristobal, C. Z.	Balboa, C. Z	Ballast	
	28	29	Amer.	Cross Line	New York, N. Y. Galveston, Tex	San Antonio, Chile	General	3,1
Davis 9	29 29	2 2	Amer	U. S. Navy U. S. Navy	Galveston, Tex.	San Diego, Calif. Balboa, C. Z		
San Diego	28	1	Fr	French Line	U. S. Atl. port Antwerp, Belgium	Vancouver, B. C.	Ballast General	2,5
Marymar McCormick ⁹	28	29	Amer	Colmor Line	Baltimore, Md Cristobal, C. Z.	Vancouver, B. C. Seattle, Wash Balboa, C. Z	i Steel, gen	8,3
McCormick 9	3	29	Amer.	U. S. Navy Chile Nit. Sales Corp. U. S. Navy	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Nicolaos D, L	$\frac{28}{29}$	29	Greek.	Unite Nit. Sales Corp.	Barry, England U. S. Atl. port	Chile Balboa, C. Z	Ballast Ballast	
Ellet 9	28	29	Nor	Lauritz Kloster	Houston Tay	Kobe, Japan	Scrap iron	7,0
JIOVSDORE	28	1	Finn	Mitsubisyi Shoji K	New York, N. Y.	Kobe, Japan Kobe, Japan	Scrap iron	8,4
Chipana	28 28 29 27	1	Amer	Grace Line Ore S. S. Corp.	New York, N. Y. New York, N. Y. Baltimore, Md. Cristobal, C. Z	Callao, Peru Cruz Gr'de, Chile	Gen., coke Ballast	1,7
Sona 2	27	29	Pan	Elliot Ship, & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	
wiftpool	29	1	Brit	Sir R. Ropner & Co	Barry, England, New York, N. Y.	Vancouver, B. C. Manila, P. I.	Ballast General	
Sona 2. Swiftpool Nonsuco 2. El Aleto 1 2.	29	1	Amer	Sir R. Ropner & Co M. V. Nonsuco C. T. Bowring & Co	New York, N. Y.	Manila, P. I	General	6,5
El Aleto ¹ ² Steelmaker	29 29	1	Brit Amer	Isthmian S. S. Lines.	Glasgow, Scot	W. coast S. Am. Vancouver, B. C.	Ballast Steel, gen	6,3
Wildwood	29	î	Amer.	AmerForeign Co	New York, N. Y.	Vladivostok, Rus.	General	6,9
Wildwood	1	2	Nor	Standard Oil of N. Y.	Portland, Oreg. New York, N. Y. Goth'burg, Swed.	Talara, Peru	Ballast	
Col. Riche 5	28 29	2	Amer Hond	U. S. Army United Fruit Co	Cristobal, C. Z	Gatun, C. Z La Union, Salv	Tow. barge Gen., rails	1,9
Orotava. Director II ⁶ Asmara ¹⁴	26		Amer.	J. S. Fahnestock	New Orleans, La. New York, N. Y.	Tahiti, S. Sea Is	Ballast	
Asmara 14	28	2	Ital	Royal Italian Navy	Taranto, Italy	San Antonio Chile	Ballast	l
Anatina	1	2	Nor	Isbrandtsen Moller	New Orleans, La.	Taku Bar, China.	Ballast	8,5
Diomede 12 Perth 12	2 2	2 3 3	Brit Brit	British Government British Government	High seas High seas	Taku Bar, China. Balboa, C. Z Balboa, C. Z Adelaide, Aust	Ballast	
City of Elwood	1	3	Amer	Roosevelt S. S. Co.	Philadelphia, Pa.	Adelaide, Aust	Ballast General	5,0
Orbita	1 2	3	Brit	Pacific Steam Nav. Co McCormick S. S. Co.	Liverpool, Eng.		General	4,6 4,1 1,0
Colombia 2	29	3 2	Amer Pan	Elliot Ship, & Land Co.	Buenos Aires, Arg. Cristobal, C. Z.	Vancouver, B. C. B'ventura, Col Balboa, C. Z Manila, P. I	General	1.0
Paisano 3 Abbekerk 2	21 2 2	2	Hond.	Elliot Ship. & Land Co. Lem McNab.	Belize, Brit. Hond.	Balboa, C. Z	Ballast	
Abbekerk 2	2	3	Neth	Holland-East Asia Co.	Antwerp, Belginm	Manila, P. I	(16) D-II4	8,7
Oltul Marna	2	4	Rum	Chile Nit. Sales Corp. J. Lauritzen	New York N V	Arica, Chile Talcahuano, Chile	Ballast General	1,3
Margrethe Bakke ² Anna N. Gou-	$\frac{2}{2}$	5 3	Nor	Knutsen Line	Genoa, Italy New York, N. Y. Goth'burg, Swed.	Valparaios, Chile.	General	3,7
Anna N. Gou-	2	3	Greek.	Chile Nit. Sales Corp.	Taragonna, Spain	Chile	Ballast	
landris. Muncaster Castle ²	2	4	Brit	Barber S. S. Line	New York, N. Y.	Yokohama, Japan	(17)	6,5
Stanley A. Griffiths	$\frac{2}{2}$	3	Amer.	Canadian-Gulf Line	Pt. Sulphur, La	Los Angeles Cal.	Sulphur	4.6
Flomar Manto ² Californian ²	2	4	Amer.	Calmar Line	Baltimore, Md	Tacoma, Wash	Steel, gen	7,4
Manto 2	16	4	Neth . Amer	Royal Neth. S. S. Co. AmerHawaiian Line.	Cristobal, C. Z Boston, Mass	Guayaquil, Ecua. Seattle, Wash Seattle, Wash	General	3 4,8
sea Inrush	3	4	Amer.	Shepard S. S. Co	Baltimore Md	Seattle, Wash	(18)	4,9
Tuenna 2	2 2		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Cuira ²		4	Pan Brit	Elliot Ship. & Land Co.	Cristobal, C. Z. Cristobal, C. Z. Liverpool, Eng New York, N. Y.	Balboa, C. Z Balboa, C. Z Duendin, N. Z	Ballast	6,7
San Rafael	29	4	Amer.	Shaw, Savill & Albion Quaker Line	New York, N. Y.	Portland, Oreg	General	6.4
ngertre	29 2 3 3 3	4	Nor	N. Atl. Gulf Corp	Charleston, S. C. New York, N. Y. Liverpool, Eng.	Portland, Oreg Golfito, C. R Manila, P. I	Creosoted tie	3,2
Dona Aniceta 2	3	4	Phil	De La Rama S. S. Co. Royal Mail Lines	New York, N. Y.	Manila, P. I	General	4,7
Brittany 2	4	4	Brit Hond	United Fruit Co	New Orleans, La.	Vancouver, B. C. Pto. Arm'les, R.P.	General Ballast	3,4
arayburn	3	4	Brit	Ministry of Supplies	London, England	Vancouver, B. C. Singapore, St. Set.	Ballast	
Memphis City	4 3 3 1	4	Amer	Isthmian S. S. Lines	Baltimore, Md Cristobal, C. Z	Singapore, St. Set.	Steel, gen	8,4
Skielbred 2	4	5	Pan Nor	Grace Line	Hoeton Macc	B'ventura, Col Yokohama, Japan	Ballast Serap iron	8,0
Pereira Skjelbred ² Kohala	4	5	Amer.	Matson Nav. Co.	New York, N. Y.	Hilo, T. H	Steel, gen	4,5
	4	5	Amer.	Waterman S. S. Corp.	New York, N. Y. Baltimore, Md Seattle, Wash	Tacoma, Wash Seattle, Wash	General	4,5 7,0
dle Hour 5 Porto Bello 3	20 4	4	Amer	Dwight Long	Seattle, Wash	Seattle, Wash	Ballast	
merican	4	5	Pan	A. Tagaropulos AmerHawaiian Line.	Cristobal, C. Z Baltimore, Md	Real, R. P Tacoma, Wash	General	5,8

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ⁶ Yacht. ⁸ Transport. ⁹ Destroyer. ¹⁰ Mine sweeper. ¹² Cruiser. ¹³ Gunboat. ¹⁴ Auxiliary. ¹⁵ Gasoline and kerosenc. ¹⁶ Fertilizer and milk. ¹⁷ Scrap iron, general. ¹⁸ Liquor, steel, general. ¹⁹ Steel, guns, general, etc.

ATLANTIC TO PACIFIC—Continued

Ship	10		Nation-	Line				
	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Cisnaren 2	4	5 5	Swed	Transatlantic S. S. Co.	London, England	Los Angeles, Cal. Auckland, N. Z.	Ballast	-1-11
l'amaroa	4	5	Brit	Shaw, Savill & Albion Smith & Johnson	London, England	Auckland, N. Z Yavaros, Mexico.	General	2,870
stmo	5	6	Nor Colom.	Colombiana Cabotaje.	Barranquilla Col.	B'ventura, Col	Ballast Salt, gen	64:
stmo. Pennsylvania Sun. 1 2	5	5	Amer.	Sun Oil Co	New York, N. Y. Barranquilla, Col. New York, N. Y.	Los Angeles, Cal.	Ballast	
La Placentia 1 -53 5 Killerig 4 Odyssey 13 Braconda 1 2	5	• 6	Amer.	Union Oil of Calif	Cartaret, N. J Cristobal, C. Z	Los Angeles, Cal.	Ballast	
r-53 5			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z	Ballast	
Myseov 18	$\frac{6}{18}$	6	Pan Amer	Merritt Chap, Lindsay	Kingston, Jam	Mexico	Ballast	
Braconda 1 2	5	8	Nor	Ludy, G. Braashen.	Aruba, N. W. I.	Los Angeles, Cal.	Ballast Oil	15,64
nemus	6	6 7	Brit	Barbara Whitney Hen. Ludv. G. Braashen. Alfred Holt & Co. Standard Oil of N. J.	New York, N. Y.	Los Angeles, Cal. Hongkong, China	General	4,040
Beaconlight 1	6	7	Pan	Standard Oil of N. J.	Miami, Fla Aruba, N. W. I New York, N. Y. Baltimore, Md	Talara, Peru	Ballast	
Wawa	6	6	Hond	Standard Fruit Co	La Ceiba, Hond, Cristobal, C. Z. Baltimore, Md.	Corinto, Nic	Steel rails	1,600
Acajutla	6	6 7	Brit Amer	Pacific Steam Nav. Co Ore S. S. Corp. Sud Amer. de Vapor.	Boltimore Md	Champ'ico, Guat. Cruz Gr'de, Chile	General Ballast	608
hilore opiapo ²	6	7	Chile	Sud Amer, de Vapor.	New York, N. Y.	Valparaiso, Chile.	General	2,58
	5		Pan	Elliot Ship, & Land Co.	New York, N. Y. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Valparaiso, Chile. Balboa, C. Z Balboa, C. Z Balboa, C. Z Balboa, C. Z	Ballast	
Pirre 2	5		Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
ona 2.	5	٠٠.	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast General	
President Harri-	7	7	Amer.	AmerPresident Lines	Boston, Mass	Round the world.	General	6,22
Stamatios G. Embiricos.	6	7	Greck.	Chile Nit. Sales Corp.	Santander, Spain.	Chile	Ballast	
Dorothy Lucken- bach.	6	7	Amer	Luckenbach Line	Boston, Mass	Seattle, Wash	General	4,683
City of Omaha	7	7	Amer	Lykes Bros. S. S. Co.	Houston, Tex Boston, Mass.	Shanghai, China.	(15)	6,994
Mexican	7	7	Amer.	AmerHawaiian Line.	Boston, Mass.	Portland, Oreg	General	4,550
City of Rayville 2	7 7	7	Amer.	Puget Sd. Orient Line	Philadelphia, Pa.	Seattle, Wash	Ballast	7 940
Augustus 2	6	7	Ital	U. S. Lines	New York, N. Y. Genoa, Italy	Kongkong, China Valparaiso, Chile.	General	7,249
anta Ana	6	8	Amer.	Grace Line	Baltimore, Md.	San Antonio, Chile	General	7,640
city of Yokohama	7	9	Brit	Ellerman Lines, Ltd	Baltimore, Md. St. John, N. B. Cristobal, C. Z. Goth'burg, Swed.	Hongkong, China Balboa, C. Z.	(16)	8,019
-26 5			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
San Francisco 2	3	8	Swed	Johnson Line	Goth burg, Swed.	San Antonio, Chile	(17)	4,846
nna D. 2 Connisseur 2	4	8 8	Brit Brit	Canadian Fishing Co. Canadian Fishing Co.	Lunenburg, N. S. Yarmouth, N. S. Charleston, S. C.	Vancouver, B. C. Vancouver, B. C.	Ballast	
Vest Harshaw	Š	9	Amer.	Chile Nit, Sales Corp.	Charleston, S. C.	Chile	Ballast	
Gertrude Maersk 2	8	8	Dan	Chile Nit. Sales Corp. Maersk Line	Boston, Mass	Chile Cebu, P. I	Ballast General	6,717
merikaland 2	8	9	Swed.	Ore S. S. Corp	Baltimore, Md	Cruz Gr'de, Chile	Ballast	
Yamakaze Maru 2 Almirante 3	- 8	8	Jap	Yamashita Kisen K	Buenos Aires, Arg.	Kobe, Japan	(18)	4,937
City of Los An-	8	9	Pan Amer.	Elliot Ship. & Land Co. Panama-Pacific Line.	Cristobal, C. Z New York, N. Y.	Balboa, C. Z Penang, St. Set	Ballast General	6,175
geles. ouett ⁹	9	11	Amer.	U. S. Navy	High seas	Balboa, C. Z	Ballast	
falcon 14	17		Amer.	U. S. Navy Nich Dragich N. Z. Shipping Co	High seas	Los Angeles, Cal.	Ballast Automobile .	1 1
Rotoura	9	10	Brit	N. Z. Shipping Co	London, England	New Zealand	Ballast	
Herman Frasch City of Brisbane	9	10 10	Amer Brit	Union Sulphur Co Amer. & Australian.	Glaveston, Tex New York, N. Y. Cristobal, C. Z	Tacoma, Wash Adelaide, Aust	Sulphur Gen., mach	6,526
iss	6	10	Nor	Grace Line	Cristobal, C. Z		Ballast	.0,500
Tiberius	5	10	Neth	Grace Line Royal Neth. S. S. Co.	Amsterdam Neth	Guayaquil, Ecua.	General	1,878
liberius Mussolini ² Col. Riche ⁵	8		Pan	H. Obarrio	Cristobal, C. Z.	Balboa, C. Z	Ballast	
ol. Riche 5	.7		Amer	U. S. Army	Cristobal, C. Z. Cristobal, C. Z. Newark, N. J.	Gatun, C. Z.	Tow. barge	
Pennsylvania	10 10	10 10	Amer.	Weyerhaeuser S. S. Co	Newark, N. J	Guayaquil, Ecua. Balboa, C. Z Gatun, C. Z Everett, Wash Los Angeles Cal	General	6,888
emisylvania Georgian 4. D. Collier ¹ San Mateo. Sing Arthur ² . F. J. Luckenbach.	10	10	Amer.	AmerHawaiian Line. Standard Oil of Calif.	Bridgeport, Conn. Philadelphia, Pa.	Los Angeles Cal.	Ballast	3,002
an Mateo.	10	10	Amer.	United Fruit Co	Mobile, Ala	Los Angeles, Cal. Pto. Arm'les, R. P.	Ballast	l
King Arthur 2	10	10	Brit	Canadian Transp. Co.	Landon England		Salt	3,500
. J. Luckenbach.	10	11	Amer.	Luckenbach Line	Providence, R. I.	Seattle, Wash	General	4,435 1,660
anja	9	10	Dan	Wessel, Duval & Co. Elliot Ship. & Land Co.	New York, N. Y.	Valparaiso, Chile.	General	1,660
Pirro 2	9	10	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Bolbos C Z	General Ballast	1,150
uira 2	9		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balhoa, C. Z.	Ballast	1
Fanja Colombia ² Firre ² Fuira ² Cuango ²	10		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Porto Bello 3	10	10		A. Tagaropulos	Providence, R. I. New York, N. Y. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	B'ventura, Col Balboa, C. Z Balboa, C. Z Balboa, C. Z Real, R. P	Ballast General	3
'				PACIFIC TO				1
Čekoa	10	13	Brit	N. Z. Shipping Co	Dunedin, N. Z.	United Kingdom.	Frozen, gen.	7,715
lekoausan V. Lucken- bach.	10	11	Amer.	Luckenbach Line	Everett, Wash	New York, N. Y.	Lumber, gen.	7,306
Benvenue	11	12	Brit	George R. Scales, Ltd. A. F. Klaveness & Co. Pacific Steam Nav. Co	Lyttelton, N. Z.	United Kingdom.	Wool, gen	3,667
Orduna	11 12	12 13	Nor Brit	Pacific Steam Nay Co.	Santa Cruz, P. I. Valparaiso, Chile.	Philadelphia, Pa. United Kingdom.	Chrome ore Cotton, gen	7,750 6,284
Vest Portal	8		Amer.	McCormick S. S. Co.	Seattle, Wash	N. London, Conn	Lumber.	4,264

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁴ Tug. ⁵ Launch. ⁹ Destroyer. ¹⁴ Fishing boat. ¹⁵ Cotton, scrap, general. ¹⁶ Scrap steel, general. ¹⁷ General, paper, dynamite. ¹⁸ Cotton, wool, general. ¹⁹ Steel, lubricating oil, general.

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	rrived	cleared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cl	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Sinaloa Harpagon Madoera ² Pacific Enter-	12 11 11 12	12 12 13 13	Hond Brit Neth Brit	United Fruit Co British Government Java-Pacific Line Furness, Withy & Co.	Golfito, C. R N.Westm'er, B.C. Los Angeles, Cal. Vancouver, B. C.	Pto.Castilla, Hon. United Kingdom. Calcutta, India. Manchester, Eng.	Ballast Lumber, Lumber, gen. General	7,123 8,404 8,536
prisc. ² Santa Elena Elena ¹ Monte Teide Fortuna ² West Madaket Paula Edwin B. De Golia, ¹	12 11 12 13 12 12 12	13 13 13 14 13 13 14	Amer Span Pan Amer Dan Amer	Grace Line Shell Oil Co Naviera Aznar, S. A. Elliot Ship, & Land Co. Sudden & Christenson West Coast Line Union Oil of Calif.	SanAntonio, Chile Balboa, C. Z Tocopilla, Chile Darien, R. P Portland, Oreg Talcahuano, Chile Los Angeles, Cal.	New York, N. Y. Curacao, N. W. I. Bilbao, Spain	General Ballast Nitrate Bananas Wheat, lum Nitrate, gen Diesel oil	5,379 9,200 63 7,851 2,500 4,594
Copiapo ² . California State ¹³ American Oriole . Real ² . Sambu ² . Tuira ² . La Placentia ¹ . Bainbridge ⁹ . Itasca ¹⁴ .	13 8 13 13 13 13 13 14 11	13 13 13 14 14 14 14 15	Chile Amer Pan Pan Pan Amer Amer Amer	Cia. Sud Amer. de Vap. State of California Puget Sd. Mills Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co. Union Oil of Calif U.S. Navy. Treasury Department	Corral, Chile S. Francisco, Cal. Pt. Angeles, Wash. Darien, R. P Darien, R. P Darien, R. P S. Francisco, Cal. Balboa, C. Z San Diego, Calif.	New York, N. Y. Washington, D. C. New York, N. Y. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Carteret, N. J. Cristobal, C. Z. Vera Cruz, Mex.	Copper, gen. Lumber Bananas Bananas Bananas Fuel oil	7,632 38 58 50 10,800
Olga E. Embiricos Pandora ² ¹⁴ . Amerika ² . Salvador. Nightingale. Siretul. Rita ¹ .		15 15 15 15 15 15 15	Greek. Amer. Dan Brit Amer. Rum. Neth. Nor Neth.	The Lauteral Nit. Co. Treasury Department East Asiatic Co. Pacific Steam Nav. Co Grace Line. Nitrate Corp., Ltd Curacaosche Scheepvt De La Rama S. S. Co Chile Nit. Sales Corp.	Taltal, Chile	Alexandria, Egypt Vera Cruz Mex. Copenhagen, Den. Cristobal, C. Z. New York, N. Y. Genoa, Italy Curacao, N. W. I. New York, N. Y.	Nitrate. General. General. (15) Nitrate. Ballast. (16) Nitrate.	7,600 7,965 869 8,861 6,181 7,583 2,680
Titus. Colombia 2 Sado Maru 2. Port Fairy 2 Arna 2 Chilean Reefer 2. Leme 2 Liberator. Hunter Liggett 8 Jersey City.	15 14 14 15 15 15 15 15	17 16 16 15 15 17 15 17 16	PanJapBritNorDanItalAmerAmerBrit	Elliot Ship. & Land Co. Nippon Yusen Kaisha Port Line, Ltd. Warner, Barnes & Co. J. Lauritzen Italian Line Lykes Bros. U. S. Army Ministry of Supply.	B'ventura, Col Shanghai, China. Bluff, N. Z Manila, P. I Vancouver, B. C. Vancouver, B. C. Pulupandan, P. I. S. Francisco, Cal. Brit Columbia	Baltimore, Md Cristobal, C. Z. New York, N. Y. United Kingdom, U. S. Atl. ports. Haifa, Palestine. Trieste, Italy. New Orleans, La. New York, N. Y. United Kingdom. Haifa. Palestine.	Coffee	2,680 1,006 7,270 7,417 7,500 1,732 7,666 9,977 901 9,005
Axios	15 16 15		Greek. Pan Amer	Theofano Mar. Co E. Obarrio McCormick S. S. Co. Royal Neth. S. S. Co.	Vancouver, B. C. Darien, R. P. Seattle, Wash Guayaquil, Ecua.	Cristobal, C. Z Philadelphia, Pa Cristobal, C. Z	Lumber Bananas Lumber, gen.	5,700 73 6,884 492
Orotava. Manto ² Jersey ² Nebraskan. Lieut. Col. H. C. Schumm, ⁴	16 16 16 16 16	16 16	Hond Neth Brit Amer Amer	United Fruit Co Royal Neth, S. S. Co. Ministry of Supply AmerHawaiian Line. U. S. Army	La Libertad, Ecu. B'ventura, Col N.Westm'er, B.C. Seattle, Wash Balboa, C. Z	New Orleans, La. Cristobal, C. Z United Kingdom. Boston, Mass Cristobal, C. Z	Coffee, skins. (20) General	1,025
Colon 2	16 16 16	16 17	Pan Pan Amer Amer	E. Obarrio A. Tagaropulos U. S. Army U. S. Navy	Darien, R. P	Cristobal, C. Z Colon, R. P Cristobal, C. Z Colon, R. P. ²¹	Bananas	40 20
William, No. 108 ⁹ Bailey, No. 269 ⁹ Welles, No. 257 ⁹ City of Los Angeles.		18	Amer Amer Amer Amer	U. S. Navy U. S. Navy U. S. Navy Panama-Pacific Line	San Diego, Calif. San Diego, Calif. San Diego, Calif. S. Francisco, Cal.	Colon, R. P. ²¹ Colon, R. P. ²¹ Colon, R. P. ²¹ New York, N. Y.	General.	6,902
Alamar West Ekonk Frida . Awazisan Maru ² . Fortuna ² . Lena Luckenbach. Uruguay ² . Woodcock ⁴ . Sona ² .	17	18 17	Amer Dan Jap Pan Amer Swed Amer	Calmar S. S. Corp Chile Nit. Sales Corp. West Coast Line Mitsui & Co. Elliot Ship. & Land Co. Luckenbach-Gulf Co. Johnson Line	Olympia, Wash. Tocopilla, Chile. Talcahuano, Chile Manila, P. I Darien, R. P Portland, Oreg S. Francisco, Cal. Balboa, C. Z. Darien, R. P.	Baltimore, Md Norfolk, Va New York, N. Y. New York, N. Y. Cristobal, C. Z. Tampa, Fla Goth'burg, Swed. Cristobal, C. Z. Cristobal, C. Z.	Lumber Nitrate General Sugar, gen Bananas General (24)	8,127 2,699 8,677 87 7,508 5,884
Sona ² Chilore Floridian Anna Tachira Langleegorse Birmingham City	17 17 17 17	18	Pan Amer Greek. Pan Brit	U. S. Navy. Elliot Ship. & Land Co. Ore S. S. Corp. AmerHawaiian Line. Chile Nit. Sales Corp. Grace Line. F. Carrick & Co., Ltd. Isthmian S. S. Lines.	Darien, R. P. Cruz Gr'de, Chile Portland, Oreg Tocopilla, Chile. Salaverry, Peru. Vancouver, B. C. Seattle, Wash	Cristobal, C. Z. Baltimore, Md. Boston, Mass. Gibraltar Cristobal, C. Z. England Baltimore, Md.	Bananas Iron ore General Nitrate (25) (26) (27)	7,921

¹ Tanker. ² Motor ship. ⁴ Tug. ⁸ Transport. ⁹ Destroyer. ¹³ Training ship. ¹⁴ Coast Guard cutter. ¹⁵ Copper, manganese. ¹⁶ Sugar, hemp, general. ¹⁷ Lead, grain, lumber. ¹⁸ Coffee, cocoa, general. ¹⁹ Hides, coffee, bananas. ²⁰ Lumber, wheat, spelter. ²¹ For orders. ²² Plantains, lumber. ²³ Towing barge No. ⁴⁵ Eruit, coffee, general. ²⁵ Coffee, hides, wood. ²⁶ Zinc, wood pulp, general. ²⁷ Lumber, sugar, canned goods.

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cu :	trrive	leare	Nation-		Pe	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Hulda Maersk ²	18 18	20 19	Dan	Maersk Line	Iloilo, P. I.	Baltimore, Md	(17)	5,742
Calmar San Vincente	18	19	Amer	Calmar S. S. Corp Pacific-Atlantic Co	S. Francisco, Cal. Portland, Oreg	Philadelphia, Pa. Philadelphia, Pa.	(18) Lumber, gen.	6,062 7,242 8,346 7,500 9,725
Arkansan	19	19	Amer	AmerHawaiian Line.	Seattle, Wash	Boston, Mass	General	8,346
Adamastos Auckland Star ²	19 19	19 20	Greek. Brit	North Pac. Ship. Co Blue Star Line	Pt. Alberni, B. C. N.Plymouth, N.Z.	Lourenco M., Afr. United Kingdom.	Frozen, gen.	7,500
Ruahine	19	, 20	Brit	N. Z. Shipping Co	Auckland, N. Z.	United Kingdom.	Frozen, gen.	1 0.004
West Harshaw Agnete Maersk	19 19	19 20	Amer Dan	Chile Nit. Sales Corp. A. P. Moller	Iquique, Chile Chicama, Peru	Jacksonville, Fla. Marseilles, Fr	Nitrate Raw sugar	8,051
Martin Bakke 2	19	20	Nor	Knutsen Line	N.Westm'er, B.C.	Glasgow, Scot	Lumber, gen.	7,535
Guayaquil Amerikaland 2	19 19	$\frac{20}{20}$	Amer Swed	M. Colodetz & Co Ore S. S. Corp.	Salaverry, Peru Cruz Gr'de, Chile	Glasgow, Scot New York, N. Y. Baltimore, Md	Raw sugar	3,326
Dispatch 12 Slemmestad 2	20	20	Brit	British Admiralty	High seas	High seas	Iron ore	21,600
Slemmestad 2	19	20 26	Nor	HawaiianPhilippineCo	Mamhaguid, P. I.	U. S. Atl. coast	Sugar (20)	7,400
Nemours ²	19 19	21	Fr	French Line Grace Line	Guayaquil, Ecua. Antof'gasta, Chile	Cristobal, C. Z New York, N. Y.	Metals, gen.	356
Goodleigh	20	20	Brit	Grace Line Can. Transp. Lumber	Pt. Alberni, B. C.	United Kingdom.	Lum., grain.	9,400 4,713
Tamesis 2 Ohioan	20 20	21 20	Nor . Amer.	Barber Wilhelmsen. AmerHawaiian Line.	Saigon, China Tacoma, Wash	New York, N. Y. Baltimore, Md.	General Lumber, gen.	7,254
Tuira 2	20	21	Pan.	Elliot Ship. & Land Co.	Darien, R. P	Cristobal C. Z	Bananas	55
Real 2	20 20	21 21	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P Darien, R. P Darien, R. P	Cristobal, C. Z	Bananas Bananas	38
Real ² . Pirre ² . Sambu ² . Teeka ⁵	20	21	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Bananas	55
Teeka 5	20 20	21	Amer Brit	J. F. Pate Ministry of Supply.	Balboa, C. Z Victoria, B. C	Gatun, C. Z Umited Kingdom.	Ballast Wheat, lum .	8,300
DIFIS	20	23	Brit	Royal Mail Lines	S. Francisco, Cal.	United Kingdom.	General	5,674
Tropic Star ² Fernglen ²	20 20	21 21	Nor	Chile Nit. Sales Corp.	Iquique, Chile	Lake Charles, La.	Nitrate	8,314
Liberty 8	18	22	Nor Amer.	Fern Line	Bulan, P. I. Balboa, C. Z.	Baltimore, Md New York, N. Y.	Army gen	6,452
Liberty 8	21 21	22 22	Nor	U. S. Army Chile Nit. Sales Corp. Matson Nav. Co.	Tocopilla, Chile	New York, N. Y. Savannah, Ga	Nitrate	8,471
Capt. Condon 5	21	22	Amer.	U. S. Army	Hilo, T. H Balboa, C. Z.	Baltimore, Md Cristobal, C. Z	Cnd, pines . Tow. barge	6,123
Potter ² Socrates ²	17	22	Amer	Roosevelt S. S. Co	Adelaide, Aust	St. John, N. D.	(22)	5,097
Socrates 2	21 21	22	Neth Amer.	Royal Neth. S. S. Co. Matson Nav. Co.	Arica, Chile S. Francisco, Cal.	Cristobal, C. Z New York, N. Y.	General Sugar	1,954 9,300
Victoria City	21	22 22	Brit	Ministry of Supply	Vancouver, B. C.	Manchester, Eng.	Wheat, lum.	8,100
Cathwood ¹ Loreto ²	22 22	22 23	Amer Brit	Union Oil of Calif Pacific Steam Nav. Co	Los Angeles, Cal. Talcahuano, Chile	Carteret, N. J. Liverpool, Eng.	Fuel oil General	9,466
Telde	22	22	Hond.	United Fruit Co	Pto. Arm'les, R.P.	New Orleans, La.	Bananas	6,630
Lillian Lucken- bach.	22	22	Amer	Luckenhach Line	Scattle, Wash	Boston, Mass	Gen., lumber	9,733
Selma	22	23	Dan	Wessel, Duval & Co	Talcahuano, Chile	Camden, N. J	Nit., gen	2,284
Pacific Pioneer 2	22 22	23 24	Brit	Furness, Withy & Co.	Seattle, Wash	United Kingdom.	Gen., fruit	8,437
Colombia Schoharie	22	23	Pan . Amer	Elliot Ship. & Land Co. Chile Nit. Sales Corp.	B'ventura, Col Iquique, Chile	Cristobal, C. Z. Alexandria, Egypt	Coffee Nitrate	$\begin{bmatrix} 1,147 \\ 6,975 \end{bmatrix}$
Schoharie	23 23	23 24	Brit	Ministry of Supply	Vancouver, B. C.	United Kingdom.	(23)	8,700
Mussolini ² Heranger ²	23	23	Pan Nor	H. Obarrio Interocean S. S. Corp	Darien, R. P Portland, Oreg	Cristobal, C. Z Antwerp, Belgium	Bananas	7,324
Heranger ² Kaipara ²	23	24	Brit	Trinder Anderson Co.	Auckland, N. Z.	Umited Kingdom.	(25)	5,801
Colon ²	23 23	24 23	Pan Pan	H. Obarrio	Auckland, N. Z. Darien, R. P. Darien, R. P	Cristobal, C. Z Colon, R. P	Bananas Plant'ns,lum	33 12
Macabi	23	24	Pan	United Fruit Co .	Quepos, C. R	Boston, Mass	Ballast	
Draco ²	23 23	25 24	Neth Brit	Royal Neth. S. S. Co. Ministry of Supply.	B'ventura, Col. Vancouver, B. C.	Cristobal, C. Z. United Kingdom.	Coffee, gen Wheat, lum.	558 8,300
Kirsten B.	24		Nor	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen	1,184
Herman F. Whit- on.	24	24	Amer.	Dutton Lumber Corp.	Astoria, Oreg	Philadelphia, Pa	Lumber	7,200
Kentucky	24	24	Amer	Isthmian S. S. Lines.	Everett, Wash	Baltimore, Md.	Lumber, gen.	6,961
Erie ¹³ 1 Heffron 2	-28 -24	24	Amer.	U. S. Government Weyerhaeuser S. S. Co	Balboa, C. Z Seattle, Wash	Cristobal, C. Z Norfolk, Va.	Lumber, gen.	10,243
Hermes	24		Neth	Royal Neth. S. S. Co.	Guayaquii, Ecua.	Amsterdam, Neth	General	424
Sambu ² Tuira ²	24 24	25 25	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Amsterdam, Neth Cristobal, C. Z Cristobal, C. Z	Bananas	58 43
Vest	24	26	Nor	Chile Nit. Sales Corp.	Tocopilla, Chile.	Nortolk, Va	Nitrate	8,027
H. D. Collier ¹ Yamabiko Maru.	24 25	25 26	Amer Jap	Standard Oil of Calif. Yamashita Kisen K	Los Ángeles, Cal. Osaka, Japan	Philadelphia, Pa Buenos Aires, Arg.	Gasoline General	$11,369 \\ 6,458$
Aquarius	25	26	Amer.	Lykes Bros. S. S. Co.	Zamboanga, P. I.	New Orleans, La. New York, N. Y.	Copra	6,702
City of San Fran- cisco.	25	26	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	6,919
Sea Horse 5	25		Amer.	N. E. Parker	Balboa, C. Z	Cristobal, C. Z.	Ballast	
Prusa	25	26	Amer	Grace Line	Balhoa, C. Z Arica, Chile	Cristobal, C. Z. New York, N. Y. Baltimore, Md	(25)	6,981
Bethore Point Clear	$\frac{26}{26}$	$\frac{26}{26}$	Amer	Ore S. S. Corp. Gulf-Pacific Line.	Cruz Gr'de, Chile Portland, Oreg.	Tampa, Fla	Iron ore Lumber, gen.	21,200 5,370
Eastern Guide	25 26	27 27	Amer	Prudential S. S. Corp. British Navy	Masinloc, P. I	New York, N. Y.	Iron ore Fuel oil	5,728 5,246
Abbeydale 1 2 Hertford	25	26	Brit Brit	FederalSteamNav.Co.	Callao, Peru Bluff, N. Z	High seas. United Kingdom.	Frozen, gen	8,800
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Tanker. ² Motor ship. ⁵ Launch. ⁸ Transport. ¹² Cruiser. ¹³ Gunboat. ¹⁷ Wood oil, coconut oil, general.
 ¹⁸ Lumber, wood pulp. ¹⁹ Lumber, lead, canned salmon. ²⁰ Coffee, ivory nuts. ²¹ Sugar, lumber, copra. ²² Wool, hides, tallow. ²³ Wheat, zinc, lumber. ²⁴ Wheat, lumber, general. ²⁵ Wool, tallow, lead. ²⁶ Copper, ore, hides.

	rrived	eared	Nation-	Line	Po	rt	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Tennessean	25	26	Amer.	Isthmian S. S. Lines.	Seattle, Wash	N. London, Conn	(15)	7,840
Shickshinny Forbes Hauptman	26 26	$\frac{26}{27}$	Amer.	Isthmian S. S. Lines McCormick S. S. Co	S. Francisco, Cal. Portland, Oreg	Boston, Mass Philadelphia, Pa.	General Lumber, gen.	6,600 7,630
Hawaiian	26	26	Amer.	AmerHawaijan Linc.	Portland, Oreg	Baltimore, Md	General	6,692
	25 27	27 27	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	5,390
Lang. No. 399 9.	27	27	Amer	Grace Line	Balboa, C. Z	Baltimore, Md New York, N. Y. Cristobal, C. Z Cristobal, C. Z		
Jouett, No. 396 9. Lang, No. 399 9. West Cobalt Krossfonn 1 2. Tuggaloosa 12	26	27	Amer.	Chile Nit. Sales Corp.	Tocopilla, Chile, 1	wilmington, N.C.	Nitrate	8,171
Krosstonn 1 2 Tuscaloosa 12	26 27	27 27	Nor	Pechelbronn, Paris	Lobitos, Peru Balboa, C. Z Portland, Oreg	Berre, France Cristobal, C. Z.	Crude oil	13,551
Wind Rush	26	27	Amer.	U. S. Navy Shepard S. S. Co	Portland, Oreg	Roston Mass	Lumber, gen.	7,479
Cuango 2 Vega 8	27 26	28	Pan	Elliot Ship. & Land Co. U. S. Navy Kerr S. S. Co	Darien, R. P.	Cristobal, C. Z. Norfolk, Va. New York, N. Y. Cristobal, C. Z.	Bananas	3,225
Silverwalnut 2	26	$\frac{1}{27}$	Amer Brit	Kerr S. S. Co	Bremerton, Wash Hongkong, China	New York, N. Y.	General	8,848
Fortuna 2	27 27	28 27	Pan	Elliot Ship. & Land Co.	Hongkong, China Darien, R. P	Cristobal, C. Z.	Bananas	85
North Haven North Wind	$\frac{27}{27}$	$\frac{27}{27}$	Amer	Weyerhaeuser S. S. Co Dutton Lumber Corp.	Everett, Wash Seattle, Wash Seattle, Wash	Baltimore, Md Providence, R. I.	Wheat, lum. Lumber	6,639 2,794
Tormor	26	28	Amer.	Calmar S. S. Corp	Seattle, Wash	Roltimore Md	Lumber	7,381
Pirre ² Sona ² Real ²	27 27	28 29	Pan	Elliot Ship. & Land Co.	Darien, R. P Darien, R. P Darien, R. P	Cristobal, C. Z.	Bananas	35
Real 2	$\frac{27}{27}$	28	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z.	Bananas	38
	26	28	Greek.	Livanos Sons, Ltd	Chicama, Peru	Casa Blanca, Afr.	Sugar Gen., frozen.	7,000
Norvina 1 2	27 27 27	28 28	Brit Pan	Shaw, Savill & Albion Anglo-Saxon Pet. Co.	P. Chalmers, N.Z. Los Angeles, Cal.	Great Britain. Curacao, N. W. I.	Gen., frozen. Gas oil	10,525 9,904
Black Eagle	27	28	Amer.	Isthmian S. S. Lines.	Los Angeles, Cal.	Baltimore, Md	General	5,516
Black Eagle Storaas 1 2	28	28 28	Nor	Anglo-Saxon Pet. Co.	Cabo Bl'co, Peru.	United Kingdom.	Crude oil	10,641
Steel Mariner Sapinero	27 27	28	Amer	Isthmian S. S. Lines AmerForeign S.S.Co.	Singapore, St. Set. Longview, Wash	New York, N. Y. New York, N. Y.	General Lumber	8,000 7,385
Hanley	27	28	Amer.	Weyerhaeuser S. S. Co	Longview, Wash. Seattle, Wash	Philadelphia, Pa.	(16)	10,293
Nevadan	28 28	28	Amer Pan	AmerHawaiian Line.	Portland, Oreg	Boston, Mass Gibraltar 13	General Nitrate	8,354
Estero Lebore	28	29	Amer.	Chile Nit, Sales Corp. Ore S. S. Corp.	Iquique, Chile Cruz Gr'de, Chile Seattle, Wash	Baltimore, Md	Iron ore General	6,725 $21,300$
Lebore	28	29 29	Amer.	Luckenbach Line	Seattle, Wash Newport, Oreg	Boston, Mass	General	8,298 7,620
Kiyosumi Maru 2,	28	1	Jap	Kokusai Kisen Kaisya	Seishin, Japan Seattle, Wash	New York, N. Y. New York, N. Y. Baltimore, Md. Cristobal, C. Z	(18)	1.791
Atlanta City Colombia 2	28 29	29	Amer.	Isthmian S. S. Lines.	Seattle, Wash	Baltimore, Md	(19)	8,033
Langleecrag	28	1	Pan . Brit	Elliot Ship. & Land Co. Seaboard Ship. Co.	B'ventura, Col Pt. Alberni, B. C.	United Kingdom.	Coffee Metal, lum.	1,165 8,530
Chateau Thierry 8	28	2	Amer.	U. S. Army	Balboa, C. Z.	United Kingdom. New York, N. Y.	General.	
Jutland Sonora 2	28 29	1	Brit Pan	Seaboard Ship. Co Chile Nit. Sales Corp.	Vancouver, B. C. Tocopilla, Chile.	Hull, England . St. John, N. B	Lead, lumber Nitrate	9,300 $2,770$
Hollywood W. H. Berg ¹ Asuka Maru ² .	29	1	Amer.	McCormick S. S. Co.	Pt.Town'd, Wash.	Baltimore, Md	Lumber, gen.	2,770 7,141 11,510
W. H. Berg 1	29 29	1 2	Amer.	Standard Oil of Calif.	Los Angeles, Cal. Yokohama, Japan	Marcus Hook, Pa.	Gasoline General	$\begin{bmatrix} 11,510 \\ 6,676 \end{bmatrix}$
Douro 2	1		Jap Neth	Nippon Yusen Kaisya Royal Neth, S. S. Co.	Tumaco, Colom.	Liverpool, Eng Cristobal, C. Z	Ballast	0,070
Port Campbell	1	1	Brit	Port Line, Ltd	Sydney, Aust	London, England Cristobal, C. Z.	Ballast Frozen, gen Coffee, hides	7,500
Pereira Fjordheim	1	4 2	Pan	Grace Line	Tumaco, Colom Ant'fagasta, Chile	Savannah, Ga	Nitrate	$\begin{array}{c c} 424 \\ 6,472 \end{array}$
J. Fred Talbot 9.	1	ļ.]	Amer	U. S. Navy	Balboa, C. Z Seattle, Wash	Cristobal, C. Z		
Arizonan	1	1	Amer Brit	AmerHawaiin Line. Pacific Steam Nav. Co	Seattle, Wash La Union, Salv	Boston, Mass Cristobal, C. Z	Gen., lumber	8,212 868
Acajntla Porto Bello ²	1	1	Pan	A. Tagaropulos	Darien, R. P	Colon, R. P.	Coffee, wood	5
Laua	1	2		Wessel, Duval & Co.	Arica, Chile	Colon, R. P. New York, N. Y. Cristobal, C. Z. Colon, R. P.	General Bananas	2,650
Marconi ² Leticia ²	1		Pan	H. Obarrio	Darien, R. P. Panama, R. P.	Colon, R. P.	Ballast	
Marore	1	2	Amer	Ore S. S. Corp	Cruz Gr de, Chile	Baltimore, Ma	Iron ore	[21,800]
Annie Johnson 2	1 2			Johnson Line E. Pucci	Seattle, Wash Darien, R. P	Goth'burg, Swed. Cristobal, C. Z.	Bananas	4,746 48
Cuango ²	-19		Amer.	U. S. Navy	Bremerton, Wash	Atlantic Ocean	(22)	3.791
K. R. Kingsbury	1	3		Standard Oil of Calif.	S. Francisco, Cal.	Baltimore, Md	Asphalt	10,981
Port Dunedin 2 Point Ancha	2	2	Amer	Port Line, Ltd Swayne & Hoyt	Bluff, N. Z Everett, Wash	United Kingdom. Tampa, Fla	Frozen, gen General.	7,986 5,553
San Pablo	1		Pan	United Fruit Co	Acajutla, Salv Pt. Town'd, Wash.	New Orleans, La.	Coffee gen	474
Lewis Luckenbach Orao	2		Amer J-Slav.	Luckenbach Line	Pt. Town'd, Wash. Ant'fagasta, Chile	Boston, Mass. Alexandria, Egypt	Lumber, gen Nitrate	7,550
Maranon	2	2	Peru.	C. P. V. D	Callao, Peru	Iquitos, Peru Cristobal, C. Z	General	12,048
Tuira ²	2 2	3	Pan	Elliot Ship. & Land Co. Messageries Marit'es	Darien, R. P. Noumea, N. Cal.	Cristobal, C. Z Marseille, France.	Bananas	6,010
Adelfoi Chandris.	2	3		British Government	N.Westm'er,B.C.	United Kingdom.	Lead, lum.	8,000
West Gambo	2	3	Amer	Chile Nit. Sales Corp.	Tocopilla, Chile	Lake Charles, La. Cristobal, C. Z.	Nitrate	. 8,130
Nemours ² Balboa ²	2	3	Fr Swed	French Line	B'ventura, Col Valparaiso, Chile.	Goth'burg, Swed.	General	8,827
Willmoto 2,	3	3	Amer	Arrow Line	Portland, Oreg	Providence, R. I.	Lumber	1 + 7,200
DeSoto. Kunikawa Maru ²	3	3		Waterman S. S. Corp. Kawasaki K. Kaisya.	Astoria, Oreg Kobe, Javan	Baltimore, Md Houston, Tex	Lum., wheat General.	
Addinasa Mafu -	. 0	- 4	. Jap	· Itawasaki K. Raisva.	Trone, Javan	Trouston, Tex	General	0,019

Tanker. ² Motor ship. ⁸ Transport. ⁹ Destroyer. ¹² Cruiser. ¹³ For orders. ¹⁵ Lumber, pulp, shingles.
 ¹⁶ Lumber, copper, general. ¹⁷ Lumber, wood pulp. ¹³ Fish meal, silk, general. ¹⁹ Lumber, pulp, magnesite.
 ²⁰ Plantains, lumber. ²¹ Copra, meal, general. ²² Fuel oil, gasoline. ²³ Copra, nickel, general.

	rrived	eared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date eleared	ality	(Charterer or operator)	From-	For—	Nature	Long
Black Falcon	3	3	Amer	Isthmian S. S. Lines.	Kahulu, T. H	New York, N. Y.	Sugar, canec.	5,891
Oliver Olson	3	4	Amer.	Coastal S. S. Co	Everett, Wash	New York, N. Y.	Lumber	3,783
MontevideoMaru ²	4	5 4	Jap	Osaka Syosen Kaisya.	Kobe, Japan	Buenos Aires, Arg.	General	3,338
Gertrude Kellogg ¹ Notos ²	4	-4	Amer Neth	Kellogg S. S. Corp Royal Neth. S. S. Co.	Manila, P. I Guayaquil, Ecua.	New York, N. Y. Cristobal, C. Z.	Coconut oil . General	6,700 1,003
Hopepeak 2	3	4	Brit	Ministry of Supply.	Vaneouver, B. C.	United Kingdom.	Grain, lum.	8,550
Marchen Maersk ²	3	5	Dan	A. P. Moller	Cebu, P. I	Baltimore, Md	General	5,898
Tuscan Star 2	4	4	Brit	Blue Star Line	Wellington, N. Z.	London, England	Frozen, gen.	7,338
Svealand 2	4	5	Swed	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md	Iron ore	21,600
San Bernardino	4	5	Amer.	Quaker Line	Longview, Wash.	Philadelphia, Pa.	Lumber, gen.	7,550
Almirante 2	5	5	Pan Pan	A. Tagaropulos	Darien, R. P	Cristobal, C. Z.	Bananas	44
Cuango ² Imperial ²	5	5	Chile	E. Pucci Sud Amer. de Vapores	Talcahuano, Chile	Cristobal, C. Z. New York, N. Y.	Frozen, gen.	4,336
S. C. T. Dodd 1.	4	5	Amer	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I.	Furnace oil.	9,411
Mauna Kea	4	5	Amer	Matson Nav. Co	Ahukini, T. H	Baltimore, Md	(15)	7,539
Fortuna 2	5	6	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	88
Waiwera 2	4	5	Brit	Shaw, Savill & Albion	Wellington, N. Z. Honolulu, T. H.	United Kingdom.	Frozen, gen.	8,244
Steel Voyager Mathew Lucken-	4 5	5	Amer	Isthmian S. S. Lines. Luckenbach Line	Portland, Oreg	Baltimore, Md Tampa, Fla	General	8,173 8,362
bach.	0	· ·	Amer.	Duckenbach Line	1 ortiand, Oreg	гашра, гта	General	0,002
Pirre ²	5	6	Pan	Elliot Ship, & Land Co.	Darien, R. P	Cristobal, C. Z.,	Bananas	38
Sona 2	5	6	Pan	Elliot Ship. & Land Co.	Darien, R. P Masinloc, P. I	Cristobal, C. Z.	Bananas	35
Mount Pera	5	6	Greek.	Benguet Consol. Min.	Masinloc, P. I.	Philadelphia, Pa.	Chrome ore.	7,000
Ceres	5		Neth	Royal Neth. S. S. Co.	Valparaiso, Chile.	Cristobal, C. Z.	General	4,415
Buenaventura Sysla ¹ ²	5	6	Amer Nor	Chile Nit. Sales Corp. Norsk Brandselolic.	Tocopilla, Chile.	Norfolk, Va	Nitrate	3,830 8,875
Silverbelle 2	5	8	Brit	Kerr S. S. Corp.	Los Angeles, Cal. Singapore, St. Set	Trondheim, Nor. Beira, Africa	General	7,492
Dona Aurora 2	5	7	Amer.	De La Rama S. S. Co.	Manila, P. I	New York, N. Y.	(18)	7.441
Selma City	6	7	Amer	Isthmian S. S. Lines.	Manila, P. I	New Orleans, La.	(19)	7,441 7,729
Santa Maria 2	6	7	Amer	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	5,638
Ciss Pacific Star	6	9	Nor	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	1,262
Modavia 2	6 6	8	Brit	Blue Star Line Donaldson Line	N. Westm'er, B. C. Vancouver, B. C.	United Kingdom. Glasgow, Scot	Frozen, gen. Fruit, gen	7,089 5,788
Colombia 2	7	10	Pan	Elliot Ship. & Land Co.	B'ventura, Col	Cristobal, C. Z.	Coffee	954
Western Queen	- 7	7	Amer	Chile Nit. Sales Corp.	Tocopilla, Chile.	Norfolk, Va	Nitrate	8,091
Telde,	7 7 7 7	7	Hond	United Fruit Co	Pto.Arm'les, R.P.	New Orleans, La.	Bananas	679
Warrior	7	8	Amer.	Waterman S. S. Corp.	Manila, P. I.	Baltimore, Md.	Sugar	11,500
Avelona Star	7	8	Brit Greek	Blue Star Line Impressa Mulle, Ltd.	Lyttelton, N. Z.	United Kingdom. Casa Bl'ea, Africa	Frozen, gen. Sugar	6,600
Ebba ²	8	8	Pan	H. Obarrio	Chicama, Peru Darien, R. P	Cristobal, C. Z.	Bananas	7,706
Ebba ² . Mussolini ² . Araby ² .		9	Pan	E. Obarrio	Darien, R. P	Cristobal, C. Z	Bananas	75
Araby 2	8 7 7	10	Brit	Royal Mail Lines	Vancouver, B. C.	England	General	6,015
Draco 2	7		Neth	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	465
Pennmar	8	8	Amer	Calmar S. S. Corp Weyerhaeuser S. S. Co	Tacoma, Wash	Baltimore, Md Baltimore, Md	(20) (21)	$\begin{bmatrix} 5,025 \\ 10,065 \end{bmatrix}$
Oregonian	8	8	Amer.	AmerHawaiian Line.	Tacoma, Wash.	Boston, Mass	General	6,643
Dimitrios Ingles-	8	8	Greek.	British Government.	Victoria, B. C	France	Lumber	6,382
sis.								
Porto Bello 2	8	8	Pan	A. Tagaropulos	Darien, R. P	Colon, R. P.	(22)	17
Rolling Stone ² ⁵ . Hopecrest ²	8	9	Pan	Robert Wilcox	Balboa, C. Z	Cristobal, C. Z.	Ballast	8,600
K. I. Luckenbach.	9	9	Brit	Seaboard Shipping Co Luckenbach Line	Vancouver, B. C. Seattle, Wash	London, England Boston, Mass	Wheat, lum. Gen., lumber	
Pereira	9		Pan	Grace Line	B'ventura, Col	Cristobal, C. Z.	Coffee	649
Syros	9	10	Amer.	Chile Nit. Sales Corp.	Tocopilla, Chile	Savannah, Ga	Nitrate	9,291
San Cristobal II 2	6 4	10	Amer	J. Wesley Pape	B'ventura, Col	Kingston, Jam	Ballast	
City of Delhi	9	10	Brit	Ellerman & Bucknall,	Auckland, N. Z.	St. John, N. B.	General	5,717
Tuira ² Pirre ²	9	10 10	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z Cristobal, C. Z	Bananas	43 32
Steelore	10	10	Amer.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md	Iron ore	
				or oup retrieve	Crab of de, Chile	Darbinote, and		

Tanker. ² Motor ship. ⁵ Launch. ⁶ Yacht. ¹⁵ Raw sugar, canned pineapples. ¹⁶ Sugar, canned fruit, canec.
 Gasoline, kerosene. ¹⁸ Sugar, hemp, general. ¹⁹ Tin, rubber, general. ²⁰ Lumber, paper pulp. ²¹ Lumber, ore, pulp. ²² Plantains, lumber.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, \$1.10 per barrel at Cristobal and Balboa; Diesel oil, \$1.90 per barrel at Cristobal and Balboa.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies available for sale to ships.

THE PANAMA CANAL RECORD



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Volume XXXIII

Balboa Heights, C. Z., April 15, 1940

No. 9

Traffic Through the Panama Canal in March 1940

The total vessels of all kinds transiting the Panama Canal during the month of March 1940, and for the same month in the two preceding years, are shown in the following tabulation:

	March 1940			March	
	Atlantic to Pacific	Pacific to Atlantic	Total	1939	1938
Ocean-going commercial traffic Small commercial vessels 1. Noncommercial vessels:	235 50	235 44	470 94	553 79	506 77
United States Government For repairs	32	17	49	37 3	40
Total	317	296	613	672	623

¹ Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC 2

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve months ended March 31, 1940, as compared with the twelve months ended March 31, 1939:

Month		of sels	Panama Canal net tonnage		Tons of cargo Tolls				ls
	1939-40	1938–39	1939-40	1938-39	1939-40	1938-39	1939-40	1938-39	
April May June July August September October November December January February March	479 485 490	487 465 445 429 468 438 494 505 509 525 501 553	2,278,326 2,341,894 2,268,679 2,254,398 2,247,009 2,119,418 2,068,665 2,178,556 2,178,556 2,116,424 2,056,568 1,782,977 2,099,902	2,258,836 2,150,228 2,064,793 1,933,816 2,177,699 2,005,241 2,276,194 2,302,333 2,336,011 2,380,916 2,282,318 2,586,580	2,472,504 2,538,949 2,437,087 2,317,697 2,385,039 2,445,700 2,386,314 2,472,503 2,361,176 2,337,943 2,123,574 2,279,432	2,279,235 2,309,171 2,122,389 2,025,660 2,171,674 1,998,464 2,359,673 2,223,830 2,374,395 2,393,360 2,206,963 2,664,068	\$1,999,851.16 2,053,502.16 1,977,431.94 1,974,380.72 1,964,776.48 1,855,574.22 1,815,210.24 1,915,075.38 1,840,096.98 1,795,241.88 1,567,416.06	\$1,961,456.58 1,886,825.66 1,801,291.78 1,994,205.00 1,990,050.74 1,741,895.46 1,977,706.76 1,984,011.704 2,062,454.16 1,996,735.66 2,252,156.28	
Total	5,687	5,819	25,812,816	26,754,965	28,557,918	27,128,882	22,590,974.20	23,279,809.84	

² Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of March 1940. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	50 44	2,286 1,753	\$1,698.84 1,562.22	412 1,814
Total	94	4,039	3,261.06	2,226

Traffic by Nationality of Vessels 3 for March 1940

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of eargo
British.	4 101	571,082	\$501,415.18	498,217
Chilean	4	20,054	18,048.60	13,386
Colombian	3	1.356	1.139.04	1,289
Danish	17	58,733	52,859.70	62,258
Egyptian	i i	4,239	3.052.08	02,200
French	4	12.607	11.346.30	8.227
Greek	19	84.494	70,648.92	97,605
Honduran	12	18,705	15,869.34	10.188
Italian	4	29,153	25,493.22	15,218
Japanese	17	97,927	88,134,30	95.300
Latvian	2	6.344	5,709.60	13,033
Mexican	5 1	0,011	800.00	20,000
Netherland.	26	51.764	46.107.72	59,798
Norwegian	37	160.875	135,441.54	165,212
Panamanian	27	55,461	47,458.62	60.774
Peruvian.	-i	2,259	2.033.10	2.048
	4	19.432	17.488.80	26,199
Philippines	1	3.876	2.790.72	20,100
Rumanian	12	59,224	49,636.62	70,177
	176	838.341	733.284.18	1,072,953
United States	110	4.066	3,659.40	7.550
Yugoslav	1			
Total	470	2,099,902	1,832,416.98	2,279,432

³ Tolls-paying vessels of 300 or more net tons, Panama Canal measurement. ⁴ Includes 4 naval vessels of 16,745 displacement tons.

Traffic by Trade Routes for March 1940

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

		Atlantic to F	Pacific]	Pacific to At	lantic
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	51	247,648	259,106	49	236,134	384,862
Canada Central America/Mexico South America Hawaijan Islands	2 11 33 4	9,740 20,534 140,508 18,750	S,775 46,146 20,009	9 32 6	15,918 130,030 31,402	5,685 279,795 36,407
Australasia Philippine Islands Far East Canada intercoastal	8 11 19	63,336 57,336 99,033	44,972 63,967 144,617	10 10 10	9,313 52,867 57,753 4,417	19,000 79,104 55,852 6,400
East coast Canada and; South America Australasia Far East	3	18,113 6,711	18,393 8,019	1 2	1,286 11,175	2,770 12,376
Central America/Mexico intercoastal. South America intercoastal. East coast South America and:	1 4	1,056 2,381	1,690 2,430	1 2	1,056 6,323	250 2,048
United States. Canada	1 1 3	4,761 4,551 17,424	3,817 4,432 11,044	2	9,645	8,424
Far East Cristobal and: Central America/Mexico South America	4 15	2,640 13.789	3,155 13,678	6 20	4,307 21,099	4,531 18,739
West Indies and: United States Canada	4	22,177 4,063	3,500	2	13,644	14,164
South America Balboa Europe and:	2 2	12,508 9,185	22,820 19,539	1	5,981 1,721	11,399
United States. Canada. South America. Australasia.	3 15 18 9	14,986 79,325 95,305 70,720	165 8,401 25,179 20,845	7 32 8 17	36,755 164,419 34,942 129,473	53,550 257,828 63,325 119,062
Philippine Islands Far East Asia and west coast Canada. Egypt and South America	1	6,709	8,788	1 1 5	4,862 1,778 23,494	6,676 1,737 41,360
Africa and South America. Around the world. Vessels not engaged in commerce.	2 6 3	14,652	10,834	1 1 6 2	3,980 5,564	7,706 7,492
Foreign vessels in hallast (United States intercoastal). Total. 6 Navel vessels	235	$\frac{3,238}{1,070,284}$	774,231	235	1,029,618	1,505,201

⁶ Naval vessels.

Origin and Destination of Cargo by Major Areas, March 1940

The following table summarizes the origin of cargo passing through the Canal in March 1940, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

	Tons of eargo destined for—								
Origin	United States	Other North America	Asia	South America	Austral- asia	Total			
North America: United States Other North America Europe Miscellaneous Total	269,282 1,475 2,076 8,666 281,499	30,049 30,120 6,275 201 66,645	212,669 1,176 8,586 9,541 231,972	44,547 42,061 21,301 1,996	44,972 19,007 20,231	601,519 93,839 58,469 20,404 774,231			

PACIFIC TO ATLANTIC

Origin	United States	Other North America	Europe	Miscel- laneous	Total
North America: United States Canada Other North America South America Australasia Asia	374,009 40,895 275,190 24,121 131,269	37,872 7,745 6,128 37,413 7,266 3,161	95,572 209,494 2,639 63,325 119,051 4,537	9,092 2,246 51,214 2,962	516,545 219,485 49,662 427,142 150,438 141,929
Total	845,484	99,585	494,618	65,514	1,505,201

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during March 1940 or March 1939, are listed below:

Commodity		reh	Commodity	Mareh		
Commodity	1940	1939	Commodity	1940	1939	
Atlantic to Pacific	11.230	2,271	Pacific to Atlantic—Continued Canned food products	95,825	103,198	
Ammonium compoundsAutomobiles and parts	15,919	24.370	Coffee	17.641	18,745	
Canned food products	15.298	9,996	Cold storage (food products) 7	73.564	40,566	
Cement	6,618	16,362	Copra	12,241	24,366	
Chemicals	14,890	12,358	Flour	22,383	13,439	
Coal and coke	14,589	8,723	Fruit, dried	18,579	22,802	
Cotton, raw	13,278	33,322	Fruit, fresh 8	9,974	35,997	
ron and steel	176,496	135,067	Lumber	328,233	251,503	
Machinery	23,971	16,838	Metals, various	76,539	59,073	
Metals, various	28,725	21,497	Molasses and syrups	1,375	13,444	
Oils, mineral	89,431	117,211	Nitrates	146,161	165,689	
Paper	35,539	31,863	Oils, mineral	92,919	160,10	
Phosphates	4,849	36,117	Oils, vegetable	24,370	12,663	
Scrap metal	34,985	184,031	Ores	185,000	174,944	
Sulphur	13,704	28,411	Paper	11,818	8,750	
Finplate	26,304	21,020	Rubber, raw	20,650	1,632 40.825	
Danife to Atlantic			Soy beans	124.121	149.747	
Pacific to Atlantic Asphait and tar	11.810	11,966	Wheat	52.584	209.583	
Barley	14,035	26.801	Wood pulp.	14,914	19.989	
Beans, edible, dry	8,337	10.702	Wool	34,537	26,19	

⁷ Except fruit. 8 Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of March 1940, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Common Piles		States oastal	Total for routes in U. S. int	ncluding
Commodity	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Paeific to Atlantic
Aircraft and parts Agricultural implements.	276	15 52	53 2,533	15 224
Alfalfa meal Ammonium compounds Animal foods 9	669	470	11,230	1,095 12 292
Animal foods ⁹ . Apparel, wearing (hats, shoes, clothing, etc.)	59 570		64	40
Asphalt and tar Automobiles (and autotrucks) Automobile parts and accessories	757 2,603 795	10,981 6 55	3,126 3,219 11,883 4,036	11,810 34 67
Bags and bagging, textile Bamboo and products. Bananas.		199 15	123	242 716
Barks, miscellaneous	1	11		6,08° 340 14,03
Barley Beans, edible, dry Beer	20	5,390	50 478	8,33° 21'
Blood and tankage Bones and bone meal Books and printed matter.		80	131 1,366	13 18
Sooks and printed matter. Sorax. Sran and pollards.		513 55	75 10 60	4,24 1,61
Bricks and tile	810		1,594	18
Fish Fruit Meat	386 4,684 111	8,668 29,270 69	524 4,766 1,566	14,96 49,41 37
Milk Soup	23 2,562	55	1,656 2,659	34
Vegetables Miscellaneous and unclassified Carbon black	590 2,747	12,091 13,243 12	674 3,453	12,52 18,19 25
Carbon black Cement Chalk	1,093	23	6,618 65	25
Charcoal Chemicals ⁹ Clay, china and fire	38 4,364 816	1,198	503 14,890 1,322	2,154 220
Clay, filtering.	720 550	26	14,574	90
Cocoa and eacao beans. Coconuts and products ⁹ . Coffee	233 746	841 98	1,396 256 5,708	2,08 17,64
Coke Cold storage and refrigerated products: Dairy products.	36	229	15 315	31,37
Eggs. Fish	900			1,39
Lard. Meats. Poultry.	328	6 163	426 29	39,86 19
Vegetables Other and unclassified	29	44	32 36	14 29
Confectionery Copra Copra meal and cake	1,174	19	1,241	6,46 5,77
Corn Cotton, raw	42	257	533 13,278	4,32
Creosote	6,831 2,048	126	6,884 3,482	31
Dyes Earthenware Electrical apparatus and appliances.	20 2,846	12 52	949 233 3,840	6 26
Enamelware and metalware Explosives	1,541 112	7	1,711 600	8
Extract, quebracho Fertilizers ⁹ Pish, salted or dry-cured	222	48	1,647 2,441 18	1,09
Fish meal Floor coverings	27 3,324	1,401	27 3,459	58 1,64
Flour Fruit, dried	20 164	1,401 12,847 11,468 475	904 164	22,38 18,57 9,97
Fruit, fresh ⁹ . Furniture and household goods General	58 734 15,886	475 15 4,164	651 773 60,868	11,91
Glass and glassware Glue	2,374 102	56 98	5,484 210	39 10
Grains ⁹ . Groceries. Gums	3,351 26	969	253 4,021 32	1000 $1,560$ 240
Hair, all kinds	58	6	69	13

⁹ Except as otherwise classified.

Commodity	United intere	States oastal	Total for routes in U. S. inte	neluding
Commodity	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
ay. emp, unmanufactured	26	30 191	138	2,41
oney ops fusorial earth		63		15 17 1,18
fusorial earth on and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	107,173	104	176,496	2,39
ory nuts tte, unmanufactured rd, substitute	711		119 711	1,30
me. quors µmber (including manufactured mill products) achinery	5,034 1,853 2,809	239 158,452 296	203 8,415 2,874 23,971	328,28 1,04
alt anufactured goods 9. arble and granite atches. etals:	8,652 229 491	386	18,650 294 529	1,56
Antimony Copper. Gold and silver	615	1,485	9,261	41,6
Iron Lead Tin	2,529 255 16	14 509 28	10,504 1,212 1,646	3,5 13,5 2,2
Zinc Other and unclassified. ilk, powdered. olasses and syrups.	205 822 46 705	133 164 16	718 5,384 46 945	15,1 2 6 1,3
trate uts, edible (including meats) its is, mineral;	157	522 138	183 18 178	146,1 6 5,2
Crude. Gas and fuel. Gasoline, benzine, and naphtha Kerosene Lubricating and greases. Other and unclassified.	9,765	9,411 31,945 849 23	231 43,034 5,207 6,214 34,679 66	9,5 20,0 56,9 3,0 2,3
ils, vegetable: Coconut Cottonseed		548	312	16,7
Citioseed Olive Peanut Rapeseed	25 579 24	1	25 606 24	2,9
Teaseed. Wood. Other and unclassified. l, fish	258 441 111	20 10 1,048	258 588 126	2,5 1,6 2,6
lseeds (cotton, flax, hemp, sesame, rapeseed, etc.)seed cake and mealees: Antimony.	38,345		2,878 3,350	9,4
Chrome & Copper Gold and silver	1	459	111	26,0 9,9 1,1
Iron Magnesite Maganese Tin	1,000	2,197 1,871	1,155	132,0 2,1 5,6 1,8
Zinc. Other and unclassified. ints and varnishes. per and paper products 9. anuts.	3 229 1,662 10,814 1,713	21 185 8,692	28 865 3,633 35,539 1,713	1,7 3,5 3 11,8
as, dry. 'atmoss. osphates aster	345		48 4,849 25	1,1
orcelainware otash ags and waste ailroad material	991 5 533 2,211	114 1,373 202	1,181 9,181 968 8,527	2,8 1,3
ice ope and twine osin	519 381 1,917	94 53 13	938 453 3,817	1,7
ubber: Manufaetured	1,361	168	1,695	2

⁹ Except as otherwise classified.

Commodity	United interc	l States coastal	Total for routes in U. S. int	all trade neluding ercoastal
Commonty	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Salt	149	69	7,994 15	169 40
Serap metal. Seeds (except oilseeds). Shells, all kinds.	30 514	77 123	34,985 80 514	197 487 387
Silk, raw Skins and hides	3	1,461	1,020	473 5,746
Slate Soaps and products Soda and sodium compounds:	880 3,424	241	880 3,515	420
Soda ash Soda, caustic Miscellaneous and unclassified	114 277 507	191	1,457 1,268 804	677 52 199
Soy beans Spices	68 432	14	68 494	503 555
Sugar Sulphu r Tale	90 11,202	18,470	90 13,704 24	124,121 715
Tallow Tea Textiles ¹⁰	40 79 4.244	163 28 44	42 115 8,620	2,872 310 4,667
Tinplate. Tobacco and manufactures.	6,746 855 226	80 257 13	26,304 9,808 570	255 291 139
Toilet preparations Turpentine Vegetables, dry 9.	94	4	135	1,191
Wallboard. Wax, paraffin Wheat	139	51 15 770	135 348 241	1,197 818 52,584
Wines. Wood pulp Wood	219 292 22	1,294 10,956 1,226	310 6,381 3,186	1,469 14,914 34,537
Total, March 1940.	269,282	374,009	774,231	1,505,201
Total, March 1939	247,302	381,260	948,662	1,715,406
Total, March 1938.	192,834	298,342	787,862	1,480,686

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of March 1940:

		Atlantic to Pa	cific		Pacific to Atla	antic
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal East coast United States and:	7	41,377	116,800	* 5	30,889	12 55,541
South America Philippine Islands South America intercoastal	1	5,187		1 1	3,694 4,064	13 6,700
East coast South America and United States West Indies and:				1	5,072	
United States	4 2	22,177 12,508	22.820	2 2	13,644 5,981	14,164 11,399
Balboa Europe and:	2	9,185	19,539	1	1,721	
United States. South America	3	17,523		1	4,488 4,891	8,875 9,547
Total	19	107,957	49,159	15	74,444	106,226

Correction

In The Panama Canal Record dated March 15, 1940, under the heading "Cargo Handled at Terminal Ports," the figures for cargo transshipped should read: Cristobal, 57,625 tons; Balboa, 988 tons; and total, 58,613 tons.

⁹ Except as otherwise classified. ¹⁰ Cotton, silk, wool, rayon goods.

¹¹ Cresote. 12 Includes 10,981 tons asphalt, 13 Coconut oil.

Comparison of Canal Traffic in March 1940, with March Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

		Month of Ma	arch		Average per month for fiscal year			
Calendar year	No. of transits	Panama Tons Canal net of eargo		Fiscal year	No. of transits	Panama Canal net tonnage	Tons of eargo	
1915 14 1916 16 1917 1918 1919 1920 1921 1922 1922 1923 1924 1925 1927 1927 1929 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1938	136 - 139 171 151 226 251 231 403 424 393 496 490 525 526 505 505 505 505 505 505 505 536 536 536 536 536 536 536 536 536 53	(000 omitted) 440 424 539 442 758 1,030 902 1,839 1,976 1,817 2,217 2,232 2,256 2,374 2,317 2,044 1,724 1,838 2,499 2,218 2,516 2,317 2,212 2,256 2,374 2,317 2,044 1,724 1,538 2,499 2,218 2,511 2,562 2,312 2,582 2,312 2,582 2,312 2,582 2,312 2,582 2,312 2,582 2,312	(000 omitted) 571 661 505 894 1,084 960 1,941 2,272 2,104 2,606 2,533 2,427 2,742 2,557 1,914 1,643 1,737 2,465 2,210 2,634 3,016 2,269 2,664 2,279	1915 1916 1917 1918 1919 1920 1921 1922 1922 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1933 1934 1935 1936 1937 1938	15 100 • 60 145 165 162 159 232 222 2325 429 382 424 441 521 524 502 447 347 436 432 449 460 460 492	(000 omitted) 334 447 506 472 659 879 880 1,434 2,016 1,761 1,909 2,020 2,269 2,299 2,310 2,140 1,820 2,261 2,143 2,163 2,163 2,264 2,264 2,163 2,264 2,264 2,163	(000 amitted) 466 466 558 558 627 576 781 966 907 1,631 2,249 1,996 2,110 2,411 2,468 2,554 2,552 2,089 1,550 1,513 2,059 2,109 2,201 2,201 2,202 2,202 2,202 2,202 2,202 2,202 2,202 2,202 2,202 2,202 2,202 2,202 2,202 2,202 2,202 2,202 2,345	

 $^{^{14}}$ Canal opened August 15, 1914. 15 Averages for $10\frac{1}{2}$ months of fiseal year ended June 30, 1915. 16 Canal closed on account of slides.

Terminal Activities

Ships repaired during the month of March 1940 numbered 82. Vessels released from drydock numbered 13. Fuel oil amounting to 529,925 barrels was delivered as bunkers to 201 commercial vessels. Bunker coal amounting to 14,034 tons was delivered to 37 commercial vessels. Sales of commissary supplies to ships aggregated \$48,028.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving tons. Local cargo shipped tons. Cargo received for transshipment tons.	56,150	26,775	82,925
	1,768	378	2,146
	74,947	756	75,703
Cargo transshipped	65,077	759	65,836
	4	2	6
	41	18	59
	17	9	26
	98	16	114

All Vessels Entering and Clearing Port

		Port of Cris	obal		Port of Bal	boa
	No.	Registered	Registered	No.	Registered	Registered
	of	gross	net	of	gross	net
	ships	tonnage	tonnage	ships	tonnage	tonnage
Ships entering All vessels, including those transiting Canal. Vessels entering port but not transiting Canal. Vessels transiting Canal and handling passengers and cargo at terminal ports.	540	3,113,598	1,873,122	513	2,906,528	1,766,737
	64	270,582	152,212	14	55,411	33,212
	119	715,305	424,147	81	538,145	315,536
Ships clearing All vessels, including those transiting Canal. Vessels clearing port but not transiting Canal. Vessels transiting Canal and handling passengers and cargo at terminal ports	545	3,136,827	1,885,369	511	2,899,171	1,764,125
	67	290,400	162,445	15	58,725	35,089
	114	679,724	403,535	80	533,532	313,253

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month of March 1940. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Manto, 0, 611 Argual, 255, 450 Santa Lucia, 400, 0
Asuka Maru, 135, 0 Yamagiri Maru, 645, 0 Salvador, 664, 2
West Camargo, 122, Francis R. Hart, 0, 4
Manto, 387, 490 Santa Clara, 228, 50
Ulha. 2,060, 3 Toloa, 1,789, 2
0 City of Baltimore, 17 M. E. Div. Barge 210. Chateau Thierry, 489. 23. 0 35 Musa, 1,932, 1 Oropesa, 306, 421 Ancon, 4,326, 261 Liberty, 1,297, 0 A. A. Radium, 1, 0 Contessa, 739, Cottica, 86, 940 335 Ulua, 2,060, 3 San Rafael, 908, 154 Flomar, 882, 0 San Pablo, 400, 657 City of Baltimore, 173, Santa Elena, 250, 7 Pereira, 381, 932 Chateau Thierry, 2, 0 Tucker McClure Barge Orbita, 8, 182 Acajutla, 933, 632 Veragua, 734, 448 Scottish Star, 29, 0 Talamanca, 353, 1,063 Manto, 0, 542 Colombia, 929, 378 San Pablo, 400, 657
Brittany, 428, 336
Nemours, 117, 87
Comayagua, 1,160, 0
Choluteca, 591, 1,434 Annie Johnson, 266, Celombia, 1,004, 910
Montevideo Maru, 219, 294
San Francisco, 73, 0
San Margos, 327, 122 Fernglen, 2, 1 Sambu and Sona, 0, Platano, 1, 0 No. 208. 0. 11 Istmo, 5, 0 Hermes, 3, 0 San Pablo, 1, 0 Alabama, 654, 300 Alabama, 654, 300 Santa Lucia, 250, 32 Hardanger, 0, 3 Jamaica, 171, 685 West Cactus, 1,281, 6 Chatcau Thierry, 0, 1 Governor, 1, 0 Veragua, 0, 3 Commissaire Ramel, San Marcos, 327, 122 Cristobal, 5,183, 558 Pasajero, 0, 2 Tiberius, 1,203, 816 Draco, 594, 0 Colombia, 0, 1 Kunikawa Maru, 2,209, Talisman, 11, 0 City of Baltimore, 1, 0 Lochkatrine, 3, 0 Hermes, 0, 3 Orotava, 409, 1,020 Socrates, 3,009, 0 R. L. Hustler, 2, 0 Lobos, 4, 679 Tachira, 147, 354 Olancho, 1,015, 74 San Pablo, 6, 0 Marna, 0, 1 Rialto, 2,199, 2 San Francisco, 0, 1,148 Margaret Lykes, 2,570, Ludington, 101, 4 Orduna, 3, 0 Cellina, 1,216, 8 Flying Cloud, 1,297, 1,395 Copiapo, 133, 295 Santa Ana, 1,094, 7 Bodegraven, 1,570, 0 Cefalu, 1,247, 182 Socrates, 1, 0 Greta Maersk, 11, 0 Notos, 1,105, 0 Vermont, 1,146, 92 Marchen Maersk, 408, Cristobal, 3,978, 384 Colombia, 0, 5 Silverbelle, 918, 200 Turrialba 2,230, 84 Damsterdijk, 160, 0 Kansai Maru, 586, 75 City of San Francisco, San Pablo, 0, 6 431 Aconcagua, 1,473. 2 Cefalu, 915, 91 Helga, 0, 5 Salvador, 0, 1,031 Salvador, 0, 3 Lysefjord, 194, 505 Chiriqui, 157, 594 Taranaki, 1, 0 Imperial, 117, 21 Talamanca, 531, 69 Doros, 376, 295 Pericles, 4,350, 4,943 Laila, 0, 1 Skielbred, 0, 1 Draco, 0, 2 Nemours, 812. Erria, 9, 50 Ulua, 557, 2 Taranaki, I., U Crijnssen, S, 16 Douro, I, 395 Ancon, 6,109, 1,266 Gertrude Maersk, 0, 14 Augustus, 332, 5 San Anselmo, 1,020, Ceres, 4,872, 4,397 Santa Maria, 526, 2 Dona Aurora, 80, 0 Van Rensselaer, 84, 13 Lochmonar, 485, 1,177 Nightingale, 878, 138 Colombia, 766, 590 Kongo Maru, 656, 0 Platano, 1,954, 0 Lexa Maersk, 381, 231 Santa Barbara, 490, 14 Argual, 512, 322 Kimikawa Maru, 1.813 0 Zacapa, 1,469, 145 Velma Lykes, 3,259, Delftdijk, 611, 0 Platano, 2, 0 Brazil Maru, 0, 2 Santos Maru, 0, 2 Santa Maria, 307, 24 Crijnssen, 143, 414 Ciss, 1,304, 4 1,313 Harboe Jensen, 724, Colombia, 1,069, 1,108 Sixaola, 1, 0 Quirigua, 200, 985 Nero, 95, 447 Tuira, 0, 123 Ciss. 3, 1 Santa Marta, 653, 137 Selma, 0, 187 Comayagua, 0, 373 Kirsten B, 1,084, 817 Axel Johnson, 484, 258 305 Comayagua, 0, 373 Araby, 206, 1,120 American Legion, 1,239, 98 Tiberius, 322, 0 Imperial, 112, 374 Tucker McClure, 23, 0 Torrens, 510, 0 Musa, 2, 0 Musa, 10, 0 Manto, 317, 0 1,239, 95 Lochkatrine, 136, 1,035 Jamaica, 251, 60 Contessa, 595, 64 Tanja, 0, 367 Fella, 940, 1,205 Musa, 2,265, 164 Breda, 1,774, 0 Brimanger, 34, 581 California Star, 21, 15 Contessa, 595, 64 Fella, 940, 1,205 Musa, 2,265, 164 San Simeon, 413, 19 Comayagua, 1,006, 11 Alamar, 1,602, 0 Olancho, 1, 0
Dona Nati, 33, 0
Chiriqui, 517, 102
Van Rensselaer, 58, Ganymedes, 1, 0 Notes, 0, 897

Ramari, 1, 17, 17, 19

Custodian, 219, 0

Leonard Wood Sakito Maru, 598, 190

Knute Nelson, 1,067, Europa, 1, 86

Republic, 2, 0 Leonard Wood, 442, 0 African Reefer, 0, 12 Van Notos, 0, 897 Doros, 72, 686 1.108 Losada, 0, 46 BALBOA

Depere, 2,836, 0 Arima Maru, 318, 0 Margrethe Bakke, Colombia, 1, 0 Kungsholm, 7, 0 Rangitane, 2, 0 Pereira, 0, 2 Knute Nelson, 208, 0 Helga, 108, 0 Nightingale, 572, 0 Leonard Wood, 591, 24 Santa Lucia, 276, 5 Torrens, 80, 0 Liberty, 1,140, 0 Tela, 0, 3 Express, American Legion, California 2.454, 202 1,419, 127 2.392, 14 Yasukuni Maru, 0, 4 Ludington, 89, 2 Santa Elena, 17, 1 Colombia, 0, 1 Amerikaland, 4, 0 Petrolite, 1, 0 Kongo Maru, 1, 0 Greta Maersk, 0, 1 Copiapo, 0, 3 Lewis Luckenbach, 1, 0 Colombia, 1, 0 Utacarbon, 100, 0 Maranon, 1, 0 Istmo, 27, 0 Santa Maria, 5, 34 Aconcagua, 2, 1 Lexa Macrsk, 277, 0 Santa Maria, 252, 41 Augustus, 1, 2 Santa Barbara, 0, 3 Annie Johnson, 283, 0 City of Baltimore, 100, Marna, 13, 293 Marchen Maersk, 156, Chateau Thierry, 793, | Santa Maria, 5, 44 | Santa Maria, 20, 21 |
| President Harrison, 2, 6 | Damssterdijk, 1, 0 |
| City of Los Angeles, 3, Marie Bakke, 3, 269, 0 |
| Santa Lucia, 6, 22 | Wales Maru, 1,987, 92 |
| Esso Panama, 15, 5 |
| Percira, 0, 53 | Orbita, 0, 1 |
| Control of the control o Santa Clara, 366, 8 Salvador, 2, 0 Santos Maru, 0, 4 City of San Francisco, 2, 4 24 Oropesa, 3, 0 Acajutla, 191, 109 Erria, 0, 1 Director II, 0, 6 Santa Lucia, 6, 22 Tosca, 73, 0 Oregonian, 4, 0 Axel Johnson, 1, 0 Siranger, 2,944, 0 Dona Aurora, 43, 0 Ebba, 33, 0 Colombia, 1, 0 Imperial, 0, 4 Dona Nati, 1, 0 West Portal, 0, 1 Arcata, 4,004, 0 Honolulan, 0, 4 Kiyosumi Maru, 0. Imperial, 1, 2 Acajutla, 0, 1 Brazil Maru, 1, 3 Santa Ana, 45, 2 African Reefer, 0, 13

Note. - Figures shown represent short tons of 2,000 pounds.

Passengers

During March 1940, ocean-ship passengers debarking at Cristobal numbered 2,576, embarking 2,352; at Balboa, 1,108 debarking and 639 embarking. Passengers passing through the Canal from the Atlantic to the Pacific 3,217, from the Pacific to the Atlantic 1,803. Commercial aircraft numbering 68 entered Cristobal with 465 passengers debarking; clearances were 70 with 493 passengers embarking. Balboa entries of aircraft numbered 57 with 183 passengers debarking; clearances were 57 with 183 passengers embarking.

Movements of Ocean Vessels Through the Panama Canal From midnight March 10, 1940, to midnight April 10, 1940

				ATLANTIC '	TO PACIFIC	_		
	rrived	leared	Nation-	Line	Po	rt	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Bainbridge 92	-14		Amer.	U. S. Navy Royal Neth. S. S. Co.	Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z	Ballast General	346
Draco ² Oakmar	11	11 11	Neth Amer	Calmar Line		B'ventura, Col Seattle, Wash	Steel, gen	8,000
California	11	12	Amer.	Chile Nit. Sales Corp.	New York, N. Y.	Tocopilla, Chile	Ballast	
City of Lille 2	11	12	Brit	M. A. N. Z. Line N. Z. Shipping Co	St. John, N. B	Melbourne, Aust.	Ballast General	5,720
Northumberland San Anselmo	11 8	12 11	Brit Amer	Quaker Line	Albany N V	New Zealand	Ballast General	4,938
Pereira	9	12	Pan	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	559
Ebba ²	11		Pan	H. Obarrio	Cristobal, C. Z.	Balboa, C. Z	Ballast	
American Legion 8	-28 11		Brit	Nino Bush	rhinadelphia, ra. New York, N. Y. St. John, N. B London, England Albany, N. Y Cristobal, C. Z	Seattle, Wash Champ'ico, Guat. Balboa, C. Z Balboa, C. Z Balboa, C. Z	Ballast General	2,405
Durango 13	11	12	Mex	Mexican Government.	Vela Ciua, Mica.	aparaiso, Chic.	Passengers	
West Ekonk	11	12	Amer	Chile Nit. Sales Corp.	Baltimore, Md New York, N. Y.	Arica, Chile	Coal General	4,889 7,697
Talisman 2 Sinnington Court.	11 12	13 13	Nor Brit	Barber Line	Barry, England.	Japan	Ballast	1,091
Ida Bakke 2	12	13	Nor	Knutsen Line	Dublin, Ireland	Vancouver, B. C. Balboa, C. Z Seattle, Wash	Ballast	
Searaven 7 Charles Christen-	7 12	13	Amer.	U.S. Navy	High seas New York, N. Y.	Balboa, C. Z	Ballast General	7,182
son.	12	10	Amer	Arrow Line	New TOLK, N. 1.	Seattle, Wash	General	1,102
Somerset	13	14	Brit	Fed. Steam Nav. Co	Newport, Eng	Auckland, N. Z.	General	
Vest	13 12	13 14	Nor Brit	Chile Nit. Sales Corp.	Charleston, S. C. London, England	Chile	Ballast Ballast	
Itasca 14	13	14	Amer	Shaw, Savill & Albion U. S. Government	Verz Cruz, Mex	San Diego Calif	Ballast	
Jacob Luckenbach	13 12	14		Luckenbach Line	Houston, Tex	Seattle, Wash Balboa, C. Z Balboa, C. Z	General	7,824
Real ²	12		Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Sambu ²	12	14	Pan	Elliot Ship, & Land Co.	Verz Cruz, Mex Houston, Tex Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z New York, N. Y.	Pto. Arm les, R. P.	Ballast General	127
Santa Clara	13 13	14 14	Amer.	Grace Line Fed. Steam Nav. Co	New York, N. Y.	SanAntonio, Chile	General	3.494
Cambridge Alaskan	13	14		AmerHawaiian Line.	Liverpool, Eng Boston, Mass	Portland, Oreg	General	4,025
Pacific Exporter ²	13	14	Brit	Furness, Withy & Co. British Government	Manchester, Eng.	Brisbane, Aust Portland, Oreg Vancouver, B. C. Vancouver, B. C.	General	1,851
Baxtergate	13 12	14 14	Brit Pan	British Government Elliot Ship. & Land Co.	Liverpool, Eng	Vancouver, B. C. Pto. Arm'les, R.P.	Ballast General	20
Sona ² Rio Gatun ⁵	-11		Amer	U. S. Army	Cristobal, C. Z. Cristobal, C. Z. Norfolk, Va. Newcastle, Eng. Curacao, N.W.I.	Gatun, C. Z.	Tow. barge	
Neosho 1 Scottish Star	12 14	16 15	Amer Brit	U. S. Army U. S. Navy Blue Star Line. Cur: Scheepv. Mij	Nortolk, Va	San Diego, Cal. Vancouver, B. C. Balboa, C. Z.	Rollast	5,155
Rita ¹ Pacific Ranger ²	14		Neth	Cur. Scheepv. Mij	Curacao, N.W.I	Balboa, C. Z.	Ballast Fuel oil	3,896
Pacific Ranger 2	15	15	Brit	Furness, Withy & Co. Sun Oil Co.	Manchester, Eng.	Vancouver, B. C.	General	958
W. H. Berg 1	15 14	15 16	Amer. Hond.	United Fruit Co	Marcus Hook, Pa. New Orleans, La.	Los Angeles, Cal. Golfito, C. R.	Ballast General	1,974
L-43 ⁵ . J-62 ⁵ . Ida F. No. 2 ⁵ . Bethore Norbryn ² . Lang ⁹ . West Cohalt			Amer.	U. S. Army	New Orleans, La. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Golfito, C. R Gatun, C. Z Gatun, C. Z	Tow. barge	
J-62 5 Ido F. No. 2 5			Amer Pan	U. S. Army D. McAllister	Cristobal, C. Z.	Gatun, C. Z	Ballast Ballast	
Bethore	15	16		Ore S. S. Corp.	Baltimore, Md	Gatun, C. Z. Cruz Gr'de, Chile	Ballast	
Norbryn 2	12	16	Nor	Ore S. S. Corp Amtorg Trading Co	Baltimore, Md New York, N. Y. Pensacola, Fla	Vladivostok, Rus.	Ballast General	7,980
West Cobalt	16 16	18	Amer	U. S. Navy. Chile Nit. Sales Corp.	Wilmington, N.C.	San Diego, Cal Chile	Ballast Ballast	
Star of Suez	14	16		Chile Nit. Sales Corp. Union Oil Co. of Cal.	Liverpool, Eng	Chile	Ballast	
Victor H. Kelly	16 16		Amer	Union Oil Co. of Cal.	Baltimore, Md	Los Angeles, Cal.	Ballast Creosote	6,800
Elizabeth Kellogg ¹ San Bruno	16		Amer Pan	Bernuth Lembke Co United Fruit Co	Philadelphia, Pa. Philadelphia, Pa.	S. Francisco, Cal. Quepos, C. R	Ballast	
Harry Luckenbach	16	17	Amer	Luckenbach Line	Philadelphia, Pa. Boston, Mass Boston, Mass	Quepos, C. R Tacoma, Wash Tacoma, Wash	Ballast General	5,472
Dakotan Frida	16 16	17	Amer Dan	AmerHawaiian Line. J. Lauritzen	Boston, Mass New York, N. Y.	Tacoma, Wash SanAntonio, Chile	General General	4,251 1,700
Santos Maru 2	16		Jap	Osaka Syosen Kaisya.	Buenos Aires, Arg.	Kobe, Japan	(16)	3,436
Almirante 3	12		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Balboa, C. Z Balboa, C. Z	Ballast	
Mussolini ² L-41 ⁵	15 15		Pan Amer	H. Obarrio	Cristobal, C. Z.	Balboa, C. Z	Ballast Tow, barge.	
G. S. Livanos	16	17	Greek.	U. S. Army Chile Nit. Sales Corp.	Alexandria Egynt	Chile	Ballast	
Lebore	16 16	17 17	Amer	Ore S. S. Corp	Baltimore, Md Liverpool, Eng Curacao, N.W.I	Cruz Gr'de, Chile	Ballast	
Doros 2	13	17	Jap Neth	Osaka Syosen Kaisya. Royal Neth. S. S. Co.	Curação, N.W.I.	Kobe, Japan Guayaquil, Ecua.	General	737
Doros ²	15	17	Pan	Elliot Ship, & Land Co.	Cristobal, C. Z	B'ventura, Col	General	1,100
Ceres ²	6 15	17	Neth Neth	Royal Neth. S. S. Co. Royal Neth. S. S. Co.	Cristobal, C. Z.	West coast, S. A B'ventura, Col	General	3,275
Bordeaux Marn	17	18	Jap	Kawasaki Kisen Kab.	Galveston, Tex.	Osaka, Japan	General	8,365
Pirre ² Tuira ²	16		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z Balboa, C. Z	Ballast	
City of San Fran-	16 18	18	Pan Amer	Elliot Ship. & Land Co. Panama-Pacific Line	Curacao, N. M. I Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Galveston, Tex Cristobal, C. Z Cristobal, C. Z New York, N. Y.	Singapore, St. Set.	Ballast General	5,460
eiseo								
La Estancia ² Vito ² Cathwood ¹	17 18	18 18	Brit Nor	Bures Markes, Ltd Olaf D. Simonsen, Jr.	New York, N. Y.	Brit. Columbia Williamsh'd, B.C.	Ballast	
Cathwood 1	17	18	Amer	Union Oil Co. of Cal.	New York, N. Y. Curacao, N.W.I	Los Angeles, Cal.	Ballast	
Fjordheim	18	18	Nor	Chile Nit. Sales Corp.	Charleston, S. C.	Chile	Ballast	l

ATLANTIC TO PACIFIC-Continued

				ATEANTIC TO TAC	iric—Continued			
	rrived	leared	Nation-	Line	Po	rt	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
San Marcos Theofano Livanos	17 18	18 18	Amer Greek.	Quaker Line Chile Nit. Sales Corp.	New York, N. Y. Philadelphia, Pa. Cristobal, C. Z. Cristobal, C. Z.	Portland, Oreg	General Ballast	6,235
	17		Amer.	U. S. Army	Cristobal, C. Z.	Chile	Ballast	
Col. Riche 5	11 19	19	Amer	U. S. Army Isthmian S. S. Lines	Cristobal, C. Z.	Gatun, C. Z. Hilo, T. H	Tow. barge	7 049
Col. Riche 5 Ensley City City of Win- chester.	19	19	Brit	AmerAustralian Line	Mobile, Ala Portland, Me	Sydney, Aust'lia	General	7,643 6,243
West Wind 10			Amer	Neil Manger	Cristobal, C. Z.	Gatun, C. Z	Ballast	
Telde Erie ¹⁴ Lobos ²	19 18	21	Hond	United Fruit Co U. S. Navy	Mobile, Ala Cristobal, C. Z.	Pto.Arm'les, R.P. Balboa, C. Z. Coronel, Chile	Ballast	
Lobos 2	18	20	Brit	Pacific Steam Nav. Co.		Coronel, Chile	Ballast General	4,871
Lena Luckenbach.	20 12	21 21	Amer.	Luckenbach Line	Tampa, Fla		Gen., steel	8,820
Salvador	19	21	Brit Pan	Pacific Steam Nav. Co Elliot Ship. & Land Co.	Tampa, Fla Cristobal, C. Z. Cristobal, C. Z.	Champ'ico, Guat. Balboa, C. Z. Real, R. P. Gatun, C. Z. Balboa, C. Z.	General Ballast	
Luna ² . Col. Riche ⁵ . Charleston ¹⁴ .	20	21	Pan	A. Tagaropulos	Cristobal U. Z.	Real, R. P.	Ballast General	5
Col. Riche 5	19 11		Amer.	U. S. Army U. S. Navy	Cristobal, C. Z Cristobal, C. Z	Gatun, C. Z	Tow. barge	
Carolinian	20	21	Amer	AmerHawaiian Line.	Boston, Mass	Portland, Oreg	Ballast General	4,561 7,476
Illinoian Dallas City 2	20		Amer	AmerHawaiian Line.	Baltimore, Md	Seattle, Wash	Steel, gen	7,476
West Gambo	21 21	21 21	Brit	Ministry of Supply. Chile Nit. Sales Corp.	Hull, England Gulfport, Miss	Vancouver, B. C. Chile	Ballast	
	18	21	Fr	French Line	Pt. Limon, C. R.	B'ventura, Col	Ballast General	27
Nemours 2	18	25	Nor	States Marine Corn	Philadelphia, Pa.	Yokohama, Japan	General	7,813
Vibran 2	21 21	22 21	Amer Nor	Ore S. S. Corp Knutsen Line	Baltimore, Md	Cruz Gr'de, Chile Valparaiso, Chile.	Ballast	
Santa Maria 2	21	22	Amer.	Grace Line	Esbjerg, Den. New York, N. Y. Cristobal, C. Z. New York, N. Y. Curacao, N. W. I. Boston, Mass. New York, N. Y.	SanAntonio.Chile	Ballast General	2,272
Cuango 2	21		Pan.	E Pucci	Cristobal, C. Z	Balboa, C. Z Tacoma, Wash	Ballast	0.175
Vermont Eidanger 1 2	19 21	22 22	Amer Nor	Weetfal Larson & Co.	New York, N. Y.	Los Angeles, Cal.	Steel, gen Ballast	6,175
Vermont Eidanger ¹ ² Sado Maru ²	99	22	Jap	Calif. & Eastern Line. Westfal, Larsen & Co. Nippon Yusen Kaisya	Boston, Mass	Yokohama, Japan	General	6,988
Raynaas 2	22 22	22	Nor	Anglo-Can. S. S. Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	
Honolulan	22	23 23	Amer Brit	Anglo-Can. S. S. Co. Isthmian S. S. Lines. M. A. N. Z. Line	New York, N. Y. Baltimore, Md. Halifax, N. S.	Singapore, St. Set. Melbourne, Aust.	Steel, gen	8,291 5,960
Kaimata ²	21	23	Amer.	Calmar Line	Baltimore, Md	Souttle Wash	General Steel, gen	6.739
Comliebank 2	22 22	23	Brit	Tex.Co. Freeport Sul.	Baltimore, Md Freebort, Tex Portland, Me Cristobal, C. Z New York, N. Y.	Brisbane, Aust Seattle, Wash Balboa, C. Z Valparaiso, Chile. Balboa, C. Z Shanghai, China. Auckland, N. Z Seattle, Wash	Sulph., asph.	8,167
Chickasaw City	22 5	23	Amer	Isthmian S. S. Lines U. S. Army	Cristobal, C. Z	Balboa, C. Z	Ballast	9,013
L-53 5 Imperial 2	22	23	Chile	Cia.Sud.Amer. de Vap	New York, N. Y.	Valparaiso, Chile.	General	1,478
J. Fred Talbot 9	1 22	23	Amer Nor	U. S. Navy De La Rama S. S. Co.	Cristobal, C. Z Savannah, Ga	Balboa, C. Z	Ballast General	4,910
Besholt ² Cumberland	22	23	Brit	N. Z. Shipping Co	London, England	Auckland, N. Z.	General	28
Susan V. Lucken-	22	23	Amer	Luckenbach Line	London, England Boston, Mass	Seattle, Wash	General	4,567
bach. Nebraskan	23	23	Amer.	Isthmian S. S. Lines.		Hilo, T. H	General	5,534
Nightingale	21	24	Amer.	Grace Line	Baltimore, Md New York, N. Y.	SanAntonio, Chile	General	5,599
Nightingale California Star ²	22	23	Brit	Blue Star Line	Plymouth, Eng	Vancouver, B. C. B'ventura, Col	General	695
Colombia ² Grete Maersk ²	21 2	24 24	Dan.	Elliot Ship. & Land Co.	Cristobal, C. Z. Boston, Mass	Cebu P. I	General	6,734
Svealand 2 Almirante 3	23	24	Swed	A. P. Moller Co Ore S. S. Corp Elliot Ship. & Land Co.	D-1/2 314	Cruz Gr'de, Chile	(16) Ballast	
Almirante 3	23 23		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Cebu, P. I. Cruz Gr'de, Chile Balboa, C. Z. Balboa, C. Z. Balboa, C. Z.	Danast	
Fortuna 3	22		Pan Pan	Elliot Ship. & Land Co. H. Obarrio.	Cristobal, C. Z.	Balboa, C. Z	Ballast Ballast	
Selma Eugenie S. Em-	23	24	Dan	Wessel-Duval & Co.	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z New York, N. Y. Norfolk, Va	Talcanuano, Chie	General	1,480
Eugenie S. Em- biricos.	23	24	Greek.	Chile Nit. Sales Corp.	Nortolk, Va	Chile	Ballast	
Floridian	24		Amer.	AmerHawaiian Line.	Boston, Mass	Portland, Oreg.	General	4,608
San Mateo	24 23	24	Amer.	United Fruit Co	Mobile Ala	Pto. Arm'les, R.P.	Ballast	
Nishmaha Baron Herries		25	Brit	Chile Nit. Sales Corp. Ministry of Shipping.	Baltimore, Md Glasgow, Scot Curacao, N. W. I. Cristobal, C. Z.	Chile	Ballast	
Nero 2	21	25	Neth .	Ministry of Shipping. Royal Neth. S. S. Co. Royal Neth. S. S. Co.	Curacao, N. W. I.	R'monture Col	Ballast Gen., beer	404
Pirre 2	17 23	25	Neth. Pan.	Royal Neth. S. S. Co. Elliot Ship. & Land Co.	Cristobal, C. Z.	Ralboa C Z	General	357
J-71 5	17	1	Amer.	U. S. Army	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Guayaquil, Ecua. Balboa, C. Z Gatun, C. Z		
Sambu 2	23	1	Pan	Elliot Ship & Land Co.	Cristobal, C. Z.	Aguadulce, R. P.	Ballast	95
Baron Herries Nero ² Draco ² Pirre ² J-71 ⁵ Sambu ² S-45 ⁷ S-46 ⁷ S-47 ⁷ Pereira			Amer	U. S. Navy U. S. Navy U. S. Navy	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Aruba, N. W. I. Aruba, N. W. I. New York, N. Y. Philadelphia, Pa. Baltimore, Md.	Aguadulce, R. P. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z.	General. Ballast Ballast Ballast General.	
S-47 7			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z	Ballast	
		26		Grace Line. Socony Vac. Oil Co.	Cristobal, C. Z.	La Libertau, neu.	General	954
K. R. Kingsbury ¹ Motorcarline ¹ ²	24	26	Pan	Standard Oil of N. J.	Aruba, N. W. I.	S. Francisco, Cal. Tocopilla, Chile.	Ballast	11,088
Mani	24	25	Amer.	Matson Nav. Co	New York, N. Y.	S. Francisco, Cal.	General	5,454
Amagisan Maru ² . S. C. T. Dodd ¹ .	24 25	25	Jap	Mitsui Bussan Kaisya Standard Oil of Calif.	Philadelphia, Pa. Baltimore, Md	Moji, Japan. Los Angeles, Cal.	Gasoline,gen. Ballast	0,303
Moveria 2	25	26	Brit	Donaldson Line		Vancouver, B. C.	General	+2.162
Port Wellington	25		Brit	M. A. N. Z. Line	Glasgow, Scot London, England	Sydney, Aust Gatun, C. Z Balboa, C. Z	Newsp't, gen Tow. barge.	6,713
Col. Riche 5 Chateau Thierry 8	19 25		Amer	U. S. Army	Cristobal, C. Z Brooklyn, N. Y.	Balboa, C. Z	General	215
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Tanker. Motor ship. Launch. Submarine. Transport. Destroyer. Mail Sailboat. Machine Kercsene, steel, lubricating oil, general. General, automobile parts.

ATLANTIC TO PACIFIC—Continued

			,	ATEMITIC TO THE	Tric—Continued			
	rived	eared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Nordal	25	26	Pan	States Marine Corp	New Orleans, La.	Shanghai, China Hawaiian Islands	(15)	5,795
Agwidale	26 25 26	26 27	Amer Brit	1sthmian S. S. Lines Cunard Line	Philadelphia, Pa. New York, N. Y.		Steel, gen Ballast	2,256
West Madaket	26	26	Amer.	Cunard Line	Bridgeport, Conn.	Pacific	General	6,159
Brazil Maru ² Brimanger ²	26	27 26	Jap Nor	Osaka Syosen Kaisya. General S. S. Corp.	Buenos Aires, Arg. Cartagena, Col.	Kobe, Japan Seattle, Wash	General	$\frac{2,671}{3,817}$
Oropesa	26 24 25 25	26	Brit	Pacific Steam Nav. Co	Liverpool, Eng New York, N. Y.	Valparaiso, Chile.	General	2,199
San Simeon Sage Brush	$\frac{25}{26}$	27 27	Amer	Quaker S. S. Line Chile Nit. Sales Corp.	New York, N. Y. Newp't News, Va	Portland, Oreg Valparaiso, Chile.	General Coal	$\frac{4,008}{7,523}$
Western Queen	26	27	Amer.	Chile Nit. Sales Corp. Lago Oil & Transp. Co.	Norfolk, Va	Tocopilla, Chile	Ballast	
Kekoskee 1	26 26	27 27	Amer.	Lago Oil & Transp. Co.	Aruba, N.W.I.	Los Angeles, Cal.	Ballast Gen., steel	5,847
West Portal	27	27	Amer Nor	McCormick S.S. Co Fern Line.	New York, N. Y. Pt. Tampa, Fla.	Seattle, Wash Yokohama, Japan	Phos., cotton	8,188
Fernglen ² Sagoland ²	27 26	27	Swed	Fern Line. Isbrandtsen Moller.	Norfolk, Va	Kobe, Japan	General	2.151
Alamar	26	28 28	Amer	Calmar Line A. Tagaropulos	Baltimore, Md Cristobal, C. Z	Seattle, Wash Real, R. P	Steel, gen General	7,511
Luna ² Fortuna ³	26		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	Balboa, C. Z	Ballast	
Santa Lucia	27	28 28	Amer	Grace Line	New York, N. Y. Baltimore, Md	SanAntonio, Chile Cruz Gr'de, Chile	General	2,272
Steelore	27 26 27 27 27 27 27	28	Amer	Ore S. S. Corp. Amer. President Lines	Boston, Mass	S. Francisco, Cal.	Gen., mach.	4,613
Vinemoor 2	27	28	Brit	Ministry of Shipping.	Newport, Eng	Brit. Columbia	Ballast	
Westmoreland Sundance	28 28	29 28	Brit Amer	N.Z.Fed,Stm.Nav.Co. Chile Nit. Sales Corp	London, England Baltimore, Md	Auckland, N. Z.	Planes, gen Ballast	2,233
Cressington	28	28	Brit	Court Line, Ltd	Avonmouth, Eng.	Vancouver, B. C.	Ballast	
Court 2. Port Caroline	28	29	Brit	Port Line, Ltd	New York, N. Y.	Adelaide, Aust'lia	General	6 956
Sona 2	26		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z	Ballast	
Sona ² Tuira ² . Lieut. Col. H. C.	26 22	28	Pan	Elliot Ship. & Land Co. U. S. Army	Cristobal, C. Z.	Pt. Arm'les, R. P. Balboa, C. Z	General Ballast	114
Schumm.4			Amer.					
Nathan 2	28 28	29	Pan	E. J. Hooper Chile Nit. Sales Corp.	Cristobal, C. Z Alexandria, Egypt	Gatun, C. Z Iquique, Chile	Ballast	20
Kate President Herren-	28	29	Greek. Nor	Pechelbronn	Donges, France.	Lobitos, Peru	Ballast	
schmidt.1 2	28	20	_				(16)	11,732
Clio 1 2	27	29 30	Pan Fr	Standard Oil of N. J. Freneb Line	Aruba, N. W. I. Havre, France	Iquique, Chile Valparaiso, Chile.	General	2,084
Ohioan North Haven	29	30	Amer.	AmerHawaiian Line.	Baltimore, Md	Seattle Wash	Steel, gen Tinplate, gen	5,407
North Wind	29 29	30 30	Amer	Northland Transp. Co Dutton Lumber Corp.	Baltimore, Md New Orleans, La.	Seattle, Wash Scattle, Wash Balboa, C. Z	General	3,432
North Wind McCormick 9	23		Amer.	U. S. Navy. Chile Nit. Sales Corp.	New Orleans, La. Cristobal, C. Z	Balboa, C. Z	Ballast	
Evanthia King John ²	29 29	30 30	Greek. Brit	Dodd, Thomson & Co.	Piraeus, Greece Belfast, Ireland	Chile	Ballast	
Colombia 2	28	30	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col	Ballast General	465
Heffron Siamese Prince 2	29 29	30	Amer Brit	Weyerhaeuser S.S. Co.	Cristobal, C. Z. New York, N. Y. New York, N. Y.	Portland, Oreg	General	6,802 6,534
Almirante 3	30		Pan	Prince Line, Ltd Elliot Ship. & Land Co.	Cristobal, C. Z.	Singapore, St. Set. Balboa, C. Z	Ballast	
Texas	30 29	30	Amer.	Moore & McCormick,	Cristobal, C. Z. New York, N. Y. New York, N. Y.	Vladivostok, Rus.	Gen., mach.	7,600
Laila Braganza ²	29	31	Dan Nor	Wessel, Duval & Co A/S Braganza	New York, N. Y.	Talcahuano, Chile Kamaishi, Japan.	General Scrap iron	9,009
Liberty 8	27		Amer.	U. S. Army Cia. Colom. Cabotajo.	New York, N. Y. New York, N. Y.	Kamaishi, Japan. Balboa, C. Z	General	5,902
IstmoLillian Lucken-	30 30	31	Colom.	Luckenbach Line	Cartagena, Col Boston, Mass	B'ventura, Col Seattle, Wash	Salt, beer General	647 5,158
bach,								
Erria ² Zealandic ²	30 30	31 31	Dan Brit	East Asiatic Co British Government.	Copenhagen, Den. Liverpool, Eng.	Vancouver, B. C. Oamaru, N. Z	General Ballast	165
Arkansan	30	31	Amer	AmerHawaiian Line.	Boston, Mass	Oamaru, N. Z Tacoma, Wash	General	4,366
Orotava	29 31	31	Hond	United Fruit Co	New Orleans, La. Baltimore, Md	Acajutla, Salv Seattle, Wash Kobe, Japan	Gen., lumber Steel, gen	1,625 7,922
Calmar Kiyosumi Maru ² .	31	31	Jap	Calmar Line	Baltimore, Md New York, N. Y. Portland, Me New York, N. Y.	Kobe, Japan	Gen., steel	7,971
Shickshinny	31 31	1 1	Amer Hond	Isthmian S. S. Lines. United Fruit Co	Portland, Me	Seattle, Wash Pto. Arm'les, R.P.	General	6,333
Tela. Pericles ² . Murunui	18	1	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z.	Talcahuano, Chile	Ballast General	4,010
Murunui	30 23	1	Brit	Royal Neth. S. S. Co. N. Z. Shipping Co Royal Neth. S. S. Co.	Cristopol, Eng.	Sydney, Aust'lia.	Conoral	5,913 502
Manto ² Mussolini ²	31		Neth Pan	Royal Neth. S. S. Co. H. Obarrio	Cristobal, C. Z.	Balboa, C. Z	General Ballast	
Col. Riche 5 No. 5651 13	30		Amer	U. S. Army W. M. Babbitt	New York, N. Y. Cristobal, C. Z. Liverpool, Eng. Cristobal, C. Z. Cristoba	Guayaquil, Ecua. Balboa, C. Z. Gatun, C. Z. Gatun, C. Z. Gatun, C. Z. Balboa, C. Z. Balboa, C. Z.	Tow. barge	
Nathan 2	31		Amer Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z	Ballast (14)	20
Pirre 2	30		Pan	Elliot Ship. & Land Co. Imperial Oil Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	3,500
Trontolite 1 2 Formosa 2	31	1	Brit Swed	Swedish E. Asiatic Co.		b ventura, Coi.,	Gasonne	$\begin{bmatrix} 3,500 \\ 3,226 \end{bmatrix}$
S-42 7	i		Amer	U. S. Navy	Goth'burg, Swed. Cristobal, C. Z. Newp't News, Va	Yokohama, Japan Balboa, C. Z	Ballast	
Syros	1	2	Amer	Chile Nit, Sales Corp. Macrsk Line	Newp't News, Va	Antof gasta, Chile Iloilo, P. I Balboa, C. Z	Coal Iron, steel	8,422 6,479
S-43 7			Amer	U. S. Navy	Norfolk, Va Cristobal, C. Z	Balboa, C. Z	Ballast	
Nanman Maru Cellina 2	1 30	2 2	Jap Ital	Yamashita K. Kaisya. Italian Line	Buenos Aires, Arg.	Osaka, Japan Vancouver, B. C.	Cotton, gen. General	5,660 4,474
Rio Gatun 5	30		Amer.	U. S. Army	Trieste, Italy Cristobal, C. Z	Gatun, C. Z	Tow. barge	
		-						

¹ Tanker.
 ² Motor ship.
 ³ Motor schooner.
 ⁴ Tug.
 ⁵ Launch.
 ⁷ Submarine.
 ⁸ Transport.
 ⁹ Destroyer.
 ¹³ Cayueo.
 ¹⁴ For bananas and return to Cristobal.
 ¹⁵ Cotton, scrap steel.
 ¹⁶ Diesel and fuel oil.

ATLANTIC TO PACIFIC—Continued

				ATLANTIC TO PAC	iric Continuca			
CI.	urrived	Date cleared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Ebba ² . Houston City ² . Yomachichi ² . Acadia ² . Andino ¹ . Port Auckland San Vincente Monte Lirio ⁵ . Mataroa. Flying Cloud. Port Darwin. Hamlin F. McCor-	1 1 2 31 1 1 1 2 30 2 2	2 2 3 3	Pan Brit Amer Brit Amer Amer Brit Amer Brit Amer	H. Obarrio British Government United States Lines Aust. Wheat Board Lago Shipping Co. Port Line, Ltd Pacific Atlantic Co., U. S. Army, Shaw, Savill & Albion Grace Line, Port Line, Ltd McCormick S. S. Co.	Cristobal, C. Z. Belfast, Ireland. Baltimore, Md Aalesund, Nor. San Nic., N.W.I. St. John, N. B. Philadelphia, Pa. Cristobal, C. Z. London, England Baltimore, Md London, England Hopewell, Va.	Balboa, C. Z Vancouver, B. C. Shanghai, China Los Angeles, Cal. Balboa, C. Z. Adelaide, Aust'lia Portland, Oreg Gatun, C. Z. Auckland, N. Z Valparaiso, Chile. Wellington, N. Z. Tacoma, Wash.	Ballast. Ballast. General. Ballast. Drydocking. Asbestos, gen General. Tow. barge. General. General. Nit. of soda	6,814 6,116 4,073 3,649 5,448 5,752 4,211
mick, Tropic Star 2, Lewis Luckenbach Everelza. Socrates 2 Steel Ranger Lieut. Col. H. C. Schumm. 4	3 3 3 29 3 30	4 4 3	Nor Amer Latv Neth Amer Amer	Chile Nit. Sales Corp. Chile Nit. Sales Corp. Chile Nit. Sales Corp. Royal Neth. S. S. Co. Isthmian S. S. Lines. U. S. Army.	New Orleans, La Boston, Mass Newp't News, Va Cristobal, C. Z. Mobile, Ala Cristobal, C. Z.	Chile	Ballast Coal	6,172
Enoch 3	3 2 3 3	4	Pan Pan Nor Nor	E. J. Hooper Elliot Ship. & Land Co. Christen Smith Fred Olsen & Co	Cristobal, C. Z Cristobal, C. Z Genoa, Italy Oslo, Norway	Gatun, C. Z. ¹⁴ Balboa, C. Z Valparaiso, Chile. Seattle, Wash	Ballast	1,023 1,649
Inn. ² Telde Nevadan Santa Barbara ² Awazisan Maru ² Reverie ⁶ Real ² Tuira ² Emma Bakke ² City of Baltimore Forest ² California State ¹³ Kunikawa Maru ² Kahuku Acajutla Mathew Lucken-	44 44 31 32 44 5 44 5 31 5	4 5 5 5 5 5 5 5 5	Hond. Amer. Jap. Brit. Pan. Pan. Nor Amer. Jap. Amer. Jap. Amer. Jap. Amer.	United Fruit Co AmerHawaiian Line. Grace Line. Mitsui Line. John Antle. ElliotShip. & Land Co. Knutsen Line. Panama-Pacific Line. Diamond Fertilizer. U. S. Navy. Kawasaki K. Kaisya. Isthmian Matson Line Pacific Steam Nav. Co Luckenbach Line.	New Orleans, La. Boston, Mass. New York, N. Y. Philadelphia, Pa. Falmouth, Eng. Cristobal, C. Z. Cristobal, C. Z. Liverpool, Eng. New York, N. Y. Antwerp, Belgium Washington, D.C New York, N. Y. Baltimore, Md. Cristobal, C. Z. Houston, Tex.	Pto. Arm'les, R.P. Portland, Oreg. SanAntonio, Chie Osaka, Japan. Vancouver, B. C. Aguadulee, R. P. Vancouver, B. C. S. Francisco, Cal Auckland, N. Z. S. Francisco, Cal Osaka, Japan. Hilo, T. H. Champ'co, Guat Seattle, Wash.	Ballast . General . General . General . Steel, cotton Ballast . General . Flour . Ballast . General . Basic slag . Ballast . General . General . General . General . General .	4,768 3,705 9,341 15 20 4,678 8,400 7,540 3,961 847 8,656
bach. Texmar Pennsylvania Sun. ²	5 5	5 6	Amer	Calmar Line Sun Oil Co	Baltimore, Md Chester, Pa	S. Francisco, Cal. Los Angeles, Cal.	Steel, gen Ballast	6,252
Lautaro ² Ellery W. Niles ¹¹ . Monte Lirio ⁵ Hanley Walter A. Luck- enbach.	5 4 3 5 6	6	Brit Amer Amer Amer	Pacific Steam Nav. Co U. S. Army U. S. Army Weyerhaeuser S. S. Co. Luckenbach Line	Liverpool, Eng. Cristobal, C. Z. Cristobal, C. Z. New York, N. Y. Boston, Mass.	Valparaiso, Chile. Balboa, C. Z Gatun, C. Z Seattle, Wash Seattle, Wash	CoalBallastTow. bargeGeneralGeneral	7,997 6,920 4,344
City of Canberra American Legion 8 Colombia 2 Dido 2 Moscha L. Goulandris.	5 5 4 4 5	6 7	Amer Pan Neth	Ellerman & Bucknall U. S. Army Elliot Ship, & Land Co. Royal Neth, S. S. Co. Chile Nit, Sales Corp.	Newp't News, Va Brooklyn, N. Y. Cristobal, C. Z. Curacão, N. W. I. Venice, Italy	Adelaide, Aust'lia Balboa, C. Z B'ventura, Col B'ventura, Col Chile	General. General. General. General. Ballast	5,249 2,950 903 370
Cuango ² L-53 ³ Aconcagua ² Arizonan Hawaiian Bintang ² Draco ² Pirre ² Enoch ³ Eskbank ² Quaker City Lotta Wind Rush Tabian ² Forbes Hauptman Fortuna ³ Ebba ² Porto Bello ³ Hunter Liggett ⁸ Tamesis ² Salacia ² Salacia ² Slacia ² Black Falcon	6 299 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 8 8 8 6 8 8 8 8	77777888888889999	Pan Pan Brit Amer Dan Amer Neth Amer Pan Pan Pan Pan Nor	Elliot Ship. & Land Co. U. S. Army. Cia. Sud. Amer. de Vap. Amer. Hawaiian Line. Amer. Hawaiian Line. Bast Asiatic Co Royal Neth. S. S. Co. Elliot Ship. & Land Co. E. J. Hooper. Bank Line. United States Lines. Wessel, Duval & Co Shepard S. S. Line. Java-New York Line. Chile Nit. Sales Corp. Elliot Ship. & Land Co. H. Obarrio. A. Tagaropulos. U. S. Army. Wilh. Wilhelmsen. Don'son Bros. & Black Isthmian S. & Lines.	Cristobal, C. Z. New York, N. Y. Boston, Mass. Baltimore, Md. New Orleans, La. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Tampa, Fla. New Pork, N. Y. N. London, Conn. Noston, Mass. Newp't News, Va Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. X. New York, N. Y. New York, N. Y. New York, N. Y. Glasgow, Scot. New York, N. Y. Clasyow, S. New York, N. Y. Clasgow, Scot. New York, N. Y.	Balboa, C. Z. Gatun, C. Z. Valparaiso, Chile. Tacoma, Wash. Tacoma, Wash. Bangkok, Siam Guayaquil, Euca. Balboa, C. Z. Gatun, C. Z. Gatun, C. Z. Hadelaide, Aust lia Adelaide, Aust lia Adelaide, Aust lia Adelaide, Aust lia Adelaide, Sala Aust lia Adelaide, Aust lia Adelaide, Sala Aust lia Adelaide, C. Z. Ratle, Wash Neth. E. Indies Valparaiso, Chile. Balboa, C. Z. Real, R. P. S. Francisco, Cal Osaka, Japan. Vancouver, B. C. Seattle, Wash	General. General. (15) General. Ballast General.	2,354 4,388 5,045 3,341 370

 $^{^1}$ Tanker. 2 Motor ship. 3 Motor schooner. 4 Tug. 5 Launch. 7 Submarine. 3 Transport. 13 Training ship. 14 For bananas and return to Cristobal. 15 Gasoline and kerosene.

ATLANTIC TO PACIFIC-Continued

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Ship	Date arrived	cleared	Nation-		Р	'ort	Cargo	
emp	Date	Date	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Oremar Kirsten B Ecuador ² El Mirlo ^{1 2} Eastern Guide Oliver Olson Hollywood Liberator Sona ² Marconi ²	8 9 10 10 10	10 11 11 11 10 11	Nor Swed Brit Amer	Calmar Line Grace Line Johnson Line C. T. Bowring & Co Prudential S.S. Corp Coastal S. S. Co. McCormick S. S. Co. Lykes Bros., S. S. Co. Elliot Ship. & Land Co. Domiluis Cam'donico.	Baltimore, Md Aruba, N. W. I. Goth'burg, Swed. Birkenhead, Eng. New York, N. Y. Galveston, Tex. New York, N. Y. New Orleans, La. Cristobal, C. Z. Cristobal, C. Z.	Seattle, Wash. Tumaco, Colom. Los Angeles, Cal. Cabo Bl'co, Peru. Vladivostok, Rus. Portland, Oreg. Seattle, Wash. Osaka, Japan. Balboa, C. Z. Balboa, C. Z.	Stcel, gen (14) (15) Ballast Gen., mach. Sulphur. General. Cotton,paper Ballast. Ballast.	5,582 201 3,417 4,219 2,755 6,017 8,650
		1	1	PACIFIC TO	ATLANTIC			
Knute Nelson 2. El Aleto 2 Oklahoman Charleston 13. Mount Helmos Istmo. Eldanger 1 2 Loekatrine 2 Losada Derrymore 2 Santa Lucia Remuera Fortuna 2 Almirante 2 Solveryew 2 Lotta Rodsley 2 Sona 2 Sambu 2 Darlington Court 2 Fella 2 Testbank Helga San Angelo San Mateo Maria Stathatos. San Mateo Maria Stathatos. Sakito Maru 2 Sveaborg 1 2 Tosca 2 City of Baltimore Panaman Everelza Yamagira Maru 2 Yanagira Maru 2 Yan	100 111 111 111 111 111 111 112 122 122	111 111 112 116 111 113 112 113 114 113 114 115 115	Brit. Amer. Greck Col. Nor Brit. Lat. Jap. Swed. Nor Amer. Amer. Amer. Amer. Latv. Jap	Fred Olsen & Co. C. T. Bowring & Co. C. T. Bowring & Co. C. T. Bowring & Co. C. T. Bowring & Co. C. T. Bowring & Co. C. T. Bowring & Co. Chile Exploration Co. U. S. Navy Isbrandtsen-Moller. Colombiana Cabotaje Westfal, Larsen Co. Royal Mail Lines Pacific Steam Nav. Co Ministry of Supply. Grace Line N. Z. Shipping Co. Elliot Ship. & Land Co. A. Tagaropulos Silver Line West Coast Line Ministry of Supply. Pacific Steam Nav. Co Chile Nit. Sales Corp. Elliot Ship. & Land Co. Elliot Ship	Vancouver, B. C. La Libertad, Ecn. Chanaral, Chile. Balboa, C. Z. Noumea, N. Cal. Biventura, Col. Los Angeles, Cal. Victoria, B. C. Valparaiso, Chile. Vancouver, B. C. SanAntonio, Chile Auckland, N. Z. Darien, R. P. Darien, R. P. Darien, R. P. Singapore, St. Set. Valparaiso, Chile. Vancouver, B. C. Champ'ico, Guat. Iquique, Chile. Darien, R. P. Darien, R. P. Darien, R. P. Vancouver, B. C. Valparaiso, Chile. Portland, Oreg. To-Copilla, Chile. S. Francisco, Cal. Portland, Oreg. Tocopilla, Chile.	Oslo, Norway England New York, N. Y. Cristobal, C. Z. Baltimore, Md. Cristobal, C. Z. Curacao, N. W. I. England Liverpool, Eng. United Kingdom. New York, N. Y. United Kingdom. Cristobal, C. Z. New York, N. Y. United Kingdom. Cristobal, C. Z. New York, N. Y. United Kingdom. Cristobal, C. Z. Naples, Italy. Cristobal, C. Z. Naples, Italy. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. United Kingdom. Trieste, Italy. London, England New York, N. Y. New York, N. Y. New York, N. Y. New York, N. Y. New York, N. Y. New York, N. Y. New York, N. Y. New York, N. Y. New York, N. Y. Saltimore, Md. Charleston, S. C. Buenos Aires, Arg.	General. Crude oil Crude oil Copper Chrome ore Ballast Gasoline General. Sugar, conc. Lum., wheat. General. Frozen, gen Bananas Bananas General. Wheat, lum General. Wheat, lum General. (16) General. (16) General. Lumber. Bananas. Bananas. Bananas. Bananas. Bananas. Bananas. Bananas. Bananas. Bananas. Ceneral. (16) General. Lumber. Bananas. Nitrate General. General. General. General. General. General. General. General. General. General.	7,164 9,547 7,500 9,000 14,164 8,898 7,740 9,100 5,878 43 8,528 3,250 8,440 635 7,899 38 38 45 8,160 2,665 7,679 9,000 4,555 6,817 6
William Lucken- bach. Kungsholm ² Massmar Solana ¹ . Port Hardy. Colombia ² . Beaconlight ¹ . H ann in g t on Court. ² .	13 14 13 14 15 14 15	14 14 15 16 17 15 15	Swed Amer Brit Pan Brit Pan Brit	Luckenbach Line Swedish-Amer. Line Calmar S. S. Corp. Arrow Oil Co. Port Line, Ltd. Elliot Ship, & Land Co. Standard Oil of N. J. Ministry of Supply.	Kobe, Japan Seattle, Wash Papette, Soc. Is. Seattle, Wash S. Francisco, Cal. Auckland, N. Z. B'ventura, Col. Talara, Peru Vancouver, B. C.	New York, N. Y. Baltimore, Md. Pt. La Cruz, Ven. London, England Cristobal, C. Z. Aruba, N. W. I. Leith, Scotland	Lumber, gen. Passengers Lum., pulp Ballast (18) Coffee, gen Gas oil (19)	9,391 6,420 7,026 909 9,743 9,338
Rugeley ² . American Legion ⁸ Wawa. Titanian ² Orotava Missourian ² . Clairy ¹ J. L. Luckenbach. Josephine L a w-rence. Tuira ² .	15 15 12 15 16 16 15 15 16 15	15 17 16 16 16 17 16 16 16 17 17	Brit Neth Amer. Hond. Nor Hond. Amer. Hond. Amer. Amer. Amer. Amer.	United Fruit Co. AmerHawaiian Line. N. Z. Shipping Co. Primerade Navegacion Luckenbach Line. McCormick S. S. Co.	Darien, R. P. Cow'an Bay, B. C. Guayaquil, Ecua. Balboa, C. Z. Corinto, Nic Yokohama, Japan Acajutla, Salv. Tacoma, Wash Auckland, N. Z. Valparaiso, Chile. Seattle, Wash. S. Francisco, Cal.	Cristobal, C. Z. London, England Cristobal, C. Z. New York, N. Y. Pto, Cabezas, Nic. New Orleans, La. Boston, Mass. London, England Cumarebo, Venez. Boston, Mass. New York, N. Y.	Bananas. Wheat, lum (20) General. (21) Ballast. (22) General. Frozen, gen. Ballast. Lumber, gen. Lum, copper	85 8,500 349 64 250 9,73 8,991 7,052 9,260 3,333
Pirre 2	16	17		Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z.	Bananas	46 28

Porto Bello 2 16 16 Pan A. Tagaropulos Darien, R. P. Cristobal, C. Z. Bananas 28 Bananas 28 Ramanas 29 Ramanas 29 Paper, steel, general 20 Coffee, wood, general 21 Coffee, sugar, general 22 Coffee, bananas 23 Plantains, lumber.

	rrived	eared	Nation-	Line	Pe	ort	Cargo	•
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Rita ¹ Black Gull	15	17	Neth	Cur. Scheepv. Mij Isthmian S. S. Lines.	Balboa, C. Z Pt. Allen, T. H.	Curaeao, N.W.I. New York, N.Y. Cristobal, C.Z. New York, N.Y.	Ballast	
Black Gull	16	17	Amer.	Isthmian S. S. Lines.	Pt. Allen, T. H.	New York, N. Y.	(14)	6,328
Aconograpa 2	$\frac{16}{17}$	24 18	Neth Chile	Royal Neth. S. S. Co. Cia. Sud Amer. de Vap.	Tumaeo, Col	Cristobal, C. Z.	Coffee, gen.	539
Draco ²	17	17	Brit	Seaboard Ship, Co	Talcabuano, Chile Vancouver, B. C.	United Kingdom.	General Wheat lum.	5,054
Queen Maud ² King William ²	17	18	Brit	Ministry of Supply.	Vancouver, B. C. Vancouver, B. C.	United Kingdom. United Kingdom.	Wheat, lum.	8,699 7,000
	17	17	Brit	Canadian Transp. Co.	Vancouver, B. C.	United Kingdom.	Wheat, lum. Wheat, lum. Wheat, lum.	8,500
Ethan Allen	17 17	18 18	Amer	Lykes Bros. S. S. Co.	Manila, P. I	New Orleans, La. New York, N. Y.	Sugar	110.500
Oakbank 2	17	18	Brit	De La Rama S. S. Co. Canadian Transp. Co.	Iloilo, P. I N. Westm'er, B.C.	United Kingdom.	Sugar, gen Zinc, lumber	7,414
	17	18	Amer.	Swayne & Hoyt	Portland Oreg	Mobile Ale	Lumber	4,693
Erie 13. Perieles 2. Chipana.	18	20	Amer	U. S. Navy Royal Neth, S. S. Co. Grace Line	Portland, Oreg Balboa, C. Z	Cristobal, C. Z. Cristobal, C. Z. New York, N. Y. New York, N. Y. Cristobal, C. Z.		
Perieles 2	17 18	19	Neth	Royal Neth. S. S. Co.	Valparaiso, Chile.	Cristobal, C. Z	(15) (16)	3,943 4,500
Onomea	18	19	Amer.	Grace Line	Callao, Peru SanAntonio, Chile	New York, N. Y.	Copper, min.	7 500
Onomea	19	21	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z	Bananas	7,807 45
Port Hunter	19	19	Brit	Elliot Ship. & Land Co. Port Line, Ltd.	Auekland, N. Z.		Frozen, gen.	7,906
Fortuna 2	19	23	Pan	Elliot Ship, & Land Co.	Darien, R. P Honolulu, T. H.	Cristobal, C. Z.	Bananas	100
Ludington 8	18 19	$\frac{20}{23}$	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	General	225
Almirante 2	19	19	Pan Amer	Lykes Bros S S Co	Darien, R. P Toeopilla, Chile	Vorfolk Va	Bananas Nitrate	8,000
Lochmonar 2	19	21	Brit	Lykes Bros. S. S. Co. Royal Mail Line, Ltd.	Victoria, B. C	Cristobal, C. Z. New York, N. Y. Cristobal, C. Z. Norfolk, Va. United Kingdom.	Gen., refrig.	8,980
Sona 2	19	20	Pan	Elliot Ship. & Land Co.	Darien, R. P Ilcilo, P. I Seattle, Wash	Cristobal, C. Z.	Bananas	38
Lexa Maersk	19	21	Dan.	Maersk Line	Ilcilo, P. I.	Baltimore, Md.	General	6,531
Damsterdijk 2	19 20	$\frac{21}{20}$	Neth	Holland-Amer. Line AmerHawaiian Line.	Seattle, Wash	Rotterdam, Neth.	General	10,334
Iowan	20	20	Amer Dan	J. Lauritzen	Pt. Angeles, Wash Talcahuano, Chile	Boston, Mass.	General	7,207 2,632
Santa Barbara	20	21	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y. New York, N. Y. Baltimore, Md.	General	5,600
Kansai Maru 2	19	21	Jap	Osaka Syosen Kaisya.	Valparaiso, Chile. Shanghai, China Quepos, C. R.	Baltimore, Md	Oil, silk, gen.	2,557
San Bruno	$\frac{20}{20}$	20 20	Pan	United Fruit Co	Quepos, C. R	Mobile, Ala .	Bananas	603
San Clemente Hopecrown ²	20	21	Amer Brit	CalifEastern Line Ministry of Supply	Portland, Oreg Pt. Alberni, B. C.	Philadelphia, Pa. London, England	Lumber, gen.	7,695
Axel Johnson 2	20	23	Swed	Johnson Line,	Seattle Wash	Goth'burg, Swed.	Wheat, lum.	8,800 5,707 7,772
Steel Exporter	21	21	Amer.	Isthmian S. S. Lines.	Seattle, Wash Seattle, Wash	Baltimore, Md	Lumber, gen.	7,772
Colombia 2	21	23	Pan	Elliot Ship, & Land Co.	B'ventura, Col	Baltimore, Md Cristobal, C. Z	Coffee	695 7,157
Kansan	$\frac{21}{21}$	21 22	Amer.	AmerHawaiian Line.	Portland, Oreg.	Baltimore, Md. New York, N. Y.	General	7,157
Winora	21	21	Neth Amer	Royal Neth. S. S. Co. Weyerhaeuser S. S. Co	Guayaquil, Ecua. Los Angeles, Cal.	Baltimore, Md	General. Lumber, gen.	284 8,792
WinonaPaisano 2	21		Hond.	L. McNab.	Balboa, C. Z.	Cristobal, C. Z. New York, N. Y.	Ballast	
Kongo Maru 2	21	22	Jap	Kakuesi K Kaisya	singapore, St. Set	New York, N. Y.	General	9,697
Weirbank 2	21 21	$\frac{21}{22}$	Brit	British Government.	Vancouver, B. C.	England	Grain, lum.	8,200
Agios Georgios IV Yorkmar	21	22	Greek.	Chile Nit. Sales Corp. Calmar Line	Taltal, Chile Seattle, Wash	Alexandria, Egypt	Nitrate	8,410 7,842
Pereira	22	25	Pan	Grace Line	La Libertad, Ecu.	Cristobal, C. Z.	(19)	250
Asosan Maru 2	21	22	Jap	Mitsui & Co., Ltd	Iloilo, P. I	New York, N. Y.	Sugar, gen	7,453
Michael J. Gou-	21	22	Greek.	Societe La Tiebaghi	New Caledonia	Baltimore, Md Cristobal, C. Z. New York, N. Y. New York, N. Y.	Chrome ore.	10,000
landris. King Lud ²	91	22	Brit	Dodd, Thomson & Co.	N.Westm'er,B.C.		Lood lum	7,700
Mussolini 2	21 22	23	Pan	E. Obarrio.	Darien, R. P	Devonport, Eng. Cristobal, C. Z.	Lead, lum Bananas	7,700
irmore	22 22	22	Amer.	Ore S S Corn	Cruz Gr'de, Chile	Baltimore, Md	Iron ore	11,850
Firmore Kirsten B	22	:	Nor	Grace Line. Ore S. S. Corp. Scaboard Ship. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen	951
Santore Asbjorn ² . Lieut. Col. H. C.	22 22	$\frac{22}{22}$	Amer	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md St. John, N. B Cristobal, C. Z.	Iron ore Lumber	11,300 6,400
ient. Col. H. C.	22		Amer.	U. S. Army	N.Westm'er,B.C. Balboa, C. Z	Cristobal, C. Z	Lumber	0,400
Schumm 4								
Ii Ho 5.	22		Amer	J. F. Hatchett	Miraflores, C. Z.	Gatun, C. Z	Ballast	
atsy 5	22 22	23	Amer.	Sgt. Carter	Miraflores, C. Z.	Gatun, C. Z. Philadelphia, Pa. Cristobal, C. Z.	Ballast	4 110
Peter Helms Searaven 9	23	23	Amer.	McCormiek S. S. Co.	Pt. Gamble, Wash Balboa, C. Z	Cristobal C Z	Lumber	4,119
Vest Ivis	23	23	Amer.	U. S. Navy. McCormick S. S. Co.	Vancouver, B. C.	Buenos Aires, Arg.	(20)	8,422
West Ivis McCormick 9	23	[Amer.	U. S. Navy	Balboa, C. Z	Cristobal, C. Z.		
Pennsylvania Sun. 1 2	23	23	Amer	Sun Oil Co	Los Angeles, Cal.	Mareus Hook, Pa.	Gasoline	17,237
Petrolite 1 2	22	23	Brit	Imperial Oil Ship. Co.	Talara, Peru	Amubo N W I	Refined oil	1,656
Renwyvie	23	23	Brit	G. H. Seales & Co.	Timaru, N. Z	Aruba, N. W. I United Kingdom.	Wool, gen.	3,354
Janto 2	23]	Neth	G. H. Scales & Co R.V.W.I. Scheepvaart Matson Nav. Co	Tumaco, Col	Cristobal, C. Z.	Wool, gen	287
ranoa	23 23	23	Amer.	Matson Nav. Co	S. Francisco, Cal. Victoria, B. C	Baltimore, Md	Sugar	6,937
	23 23	24 24	Nor	Interocean S. S. Corp. Elliot Ship. & Land Co.	Vietoria, B. C	Antwerp, Belgium	Wheat	6,440
Pirre 2	23	24	Pan	Elliot Ship, & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	27 35
cottish Prince 2	23 23	24	Brit	Elliot Ship. & Land Co. Shaw, Savill & Albion	Darien, R. P Darien, R. P Picton, N. Z	Cristobal, C. Z. Cristobal, C. Z. United Kingdom.	(22)	3.917
Elmbank 2	23	24	Brit	Ministry of Supply	Vancouver, B. C.	United Kingdom.	Wheat, lum.	8,212
	24	24	Hond.	United Fruit Co	Pto.Arm'les, R.P.	New Orleans, La.	Bananas	546
'elde		9.4		Cham Comill & All.	Vancoustry D C	United Vin-Ja	Wheet less	0 100
Celde	24	24	Brit	Shaw, Savill & Albion	Vancouver, B. C.	United Kingdom.	Wheat, lum.	8,160
Celde		24 24 25		Shaw, Savill & Albion Ministry of Supply WeyerhaeuserLum.Co	Vancouver, B. C. Vancouver, B. C. Olympia, Wash	United Kingdom. United Kingdom. Pt. Newark, N. J. Albany, N. Y.	Wheat, lum.	8,160 7,772 2,230

¹ Tanker. ² Motor ship. ⁴ Tug. ⁵ Launch. ⁸ Transport. ⁹ Destroyer. ¹³ Gunboat. ¹⁴ Sugar, canned goods. ¹⁵ Barley, oats, general. ¹⁶ Concentrates, lead. ¹⁷ Fruit, coffee, general. ¹⁸ Lumber, pulp, plywood. ¹⁹ Coffee, hides, general. ²⁰ Lumber, pulp, lead, general. ²¹ Skins, wood, coffee. ²² Wool, seeds, sheepskin.

				PACIFIC TO ATLA	The Continued			
	rived	eared	Nation-	Line	Po	rt	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Prisbane Star 2 Port Chalmers 2 Texan Columbia Star 2 Cranford Chios Robert Lucken-	24 25 25 25 24 25 25 24 25 25	25 25 25 26 26 26 26 26	Brit Brit Amer Brit Amer Greek. Amer	Blue Star Line. Port Line, Ltd. AmerHawaiian Line. Blue Star Line. Chile Nit. Sales Corp. Chile Nit. Sales Corp. Luckenbach Line	N. Plym'th, N. Z. Wellington, N. Z. Portland, Oreg. Victoria, B. C. Iquique, Chile Iquique, Chile Seattle, Wash	London, England England Boston, Mass Liverpool, Eng. Charleston, S. C. Ancona, Venice. Boston, Mass	Frozen, gen. Frozen, gen. General. Frozen, gen. Nitrate. Nitrate. General.	8,812 8,480 9,881 7,819 9,491 9,147 8,998
bach, Luna ² . Leonard Wood ⁸ . Santa Elena Europa ² . Fortuna ² . Paeific President ² Almirante ² . Florence Lucken-	25 25 25 26 26 25 26 25 26 25	27 27 27 27 27 27 27 27 27 26	Pan Amer Dan Pan Brit Pan Amer Amer	A. Tagaropulos U. S. Army Grace Line East Asiatic Co. Elliot Ship. & Land Co. Furness, Withy & Co. A. Tagaropulos Luckenbach Line	Darien, R. P. S. Francisco, Cal. SanAntonio, Chile Vancouver, B. C. Darien, R. P. Vancouver, B. C. Darien, R. P Portland, Oreg.	Colon, R. P New York, N. Y. New York, N. Y. Copenhagen, Den. Cristobal, C. Z. Manchester, Eng. Cristobal, C. Z. Mobile, Ala	Plantains General. General. Barley, gen. Bananas General. Bananas Shingles, gen	17 2,397 5,294 8,587 85 8,600 47 6,620
bach. Sona ² . Tuira ² . Chilore. Nicolaos D. L. Coya. Ciss.	26 26 26 26 26 26 26	28 28 27 27 27 30	Pan Amer Greek. Amer Nor	Elliot Ship. & Land Co. Elliot Ship. & Land Co. Ore S. S. Corp. Chile Nit. Sales Corp. Grace Line Grace Line Chile Nit. Sales Corp.	Darien, R. P. Darien, R. P. Cruz Gr'de, Chile Tocopilla, Chile. SanAntonio, Chile B'ventura, Col	Cristobal, C. Z. Cristobal, C. Z. Baltimore, Md. Alexandria, Egypt New York, N. Y. Cristobal, C. Z.	Bananas Bananas Iron ore Crys, nitrate Copper Ballast	6,498
Everasma San Mateo Merchant Prince ² Pennsylvanian Arizpa Pyro Amerikaland ²	26 27 27 27 27 27 27 28 27	28 27 27 27 27 27 29 28	Amer Amer Amer	United Fruit Co Dir. of Sea Transport. AmerHawaiian Line. Warner Barnes U. S. Navy.	Tocopilla, Chile Pto.Arm'les, R.P. Alberni, B. C Portland, Oreg Nasubu, P. I Puget S'd, Wash. Cruz Gr'de, Chile	Norfolk, Va. Mobile, Ala United Kingdom. Boston, Mass New York, N. Y. Norfolk, Va. Baltimore, Md	NitrateBananasLumberGeneralSugarGeneralIron ore	6,557 900 8,410 6,749 7,850 756 22,300
West Cactus. Colombia ² . Chateau Thierry ⁸ Honomu. Mayari. Fordsdale	28 26 27 28 28	31 30 29 28 29 29	Amer Pan Amer Pan Brit	McCormiek S. S. Co. Elliot Ship, & Land Co. U. S. Army Matson Nav. Co. United Fruit Co Shaw, Savill & Albion	Seattle, Wash B'ventura, Col Balboa, C. Z Kahalui, T. H Golfito, C. R Wellington, N. Z.	New York, N. Y. Cristobal, C. Z. New York, N. Y. Baltimore, Md Boston, Mass.	General Coffee, gen General (14) Ballast Frozen, gen	7,250 765 4 8,476
Washingtonian Mussolimi ² Ebba ² Vermar Soerates ² Doros ²	28 29 29 28 28 29	29 31 30 29	Pan Pan Amer Neth Neth	Isthmian S. S. Lines. H. Obarrio. H. Obarrio. Calmar S. S. Corp. Royal Neth. S. S. Co. Royal Neth. S. S. Co.	Manila, P. I. Darien, R. P Darien, R. P Longview, Wash. Callao, Peru B'ventura, Col. Sydney, N. S. W.	Baltimore, Md. Cristobal, C. Z. Cristobal, C. Z. Albany, N. Y. Cristobal, C. Z. Cristobal, C. Z. Dunkerque, Fr.	General. Bananas Bananas Lumber. General. Coffee, gen. Wool, steel.	8,203 70 34 7,600 2,676 342 7,751
Port Montreal ² Rialto ² Virginian Ingertre L-53 ⁵ Utacarbon ¹ . Peter Kerr	29 29 29 29 29 28 29	30 30 30 31 31	Ital Amer Nor Amer	Port Line, Ltd Italian Line. AmerHawaiian Line. N. Atl. & Gulf S. S. Co. U. S. Army. Union Oil of Calif Quaker Line.	Vancouver, B. C. Bellingham, Wash	Trieste, Italy Boston, Mass New York, N. Y. Cristobal, C. Z	General. Lumber, gen. Sugar Ballast Pet. prod. Lumber, gen.	5,971 10,075 3,957 6,402 10,709
Argual	29 29 29	31	Hond. Greek.	Quaker Line	Amapala, Hond	New Orleans, La. Alexandria, Egypt		7,100 6,620
Overton 9	30 30 30	30	Amer. Jap Amer. Amer.	U. S. Navy Kawasaki K. Kaisya CalifEastern Line.	Balboa, C. Z Dairen, China Portland, Oreg Seattle, Wash	Cristobal, C. Z Honston, Tex Philadelphia, Pa Boston, Mass Cristobal, C. Z Cristobal, C. Z	Raw silk, gen Lumber, gen Lumber, gen Bananas	5,006 8,208
Schumm. 4 Delftdijk 2 Taranger 2 Comax 10 Indiana	30	3	Nor Brit Amer.	Canadian Gov'ment Grace Line	Seattle, Wash Portland, Oreg Victoria, B. C Valparaiso, Chile	Rotterdam, Neth Rotterdam, Neth Kingston, Jam. New York, N. Y	General	7,595 8,143
Nootka 10 Anna N. Goulan- dris. African Reefer Edwin Christen-	31	3:	Greek Dan.		Vietoria, B. C. Tocopilla, Chile. Vancouver, B. C. Astoria, Oreg.		Nitrate	1,737
w. R. Keever Queen Anne ² Geisha ² Shubrick ⁹	31 31 31		Brit Nor Amer.	Thos. Dunlop & Sons. Chile Nit. Sales Corp. U. S. Navy	N.Westm'er, B.C Tocopilla, Chile. San Diego, Calif	Atl. Seaboard.	Nitrate	8,710 7,569
H. D. Collier ¹ Montanan Meade ⁹ Norden ²	31		Amer. Amer. Amer. Dan.	. AmerHawanan Line U. S. Navy	San Diego, Calif	Philadelphia, Pa Boston, Mass Galveston, Tex Boston, Mass	General	. 7,757

¹ Tanker. ² Motor ship. ⁴ Tug. ⁵ Launch. ⁸ Transport. ⁹ Destroyer. ¹⁰ Minesweeper. ¹⁴ Sugar, canned pineapples. ¹⁵ Wheat, lumber, general. ¹⁶ Fruit, lumber, general.

	rived	eared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Laub 9 Edwards 9 Aulick 9	1 1 1 1		Amer Amer Amer	U. S. Navy U. S. Navy U. S. Navy U. S. Navy	San Diego, Calif. San Diego, Calif. San Diego, Calif. San Diego, Calif.	Cristobal, C.Z High seas High seas		
Aulick 9. McLanahan 9. Elmdene Fresno City 2. Luna 2.	31 31 31	1	Brit Brit Pan	Ministry of Supply A. Tagaropulos	San Diego, Calif. N.Westm'ter,B.C Vancouver, B.C. Darien, R. P.	High seas. United Kingdom. United Kingdom. Cristobal, C. Z.	General (15) (16)	8,282 8,600 12
Lyras Bushnell 13 Nemours 2	31 31 2 1	2 6	Greek. Amer Fr	Ministry of Supply U. S. Navy French Line	Vancouver, B. C. San Diego, Calif. B'ventura, Col.	United Kingdom. La Guaira, Venez. Cristobal, C. Z	Timber, lead	7,800 506
Oltul	1		Roman Pan Greek.	Nitrate Corp., London Elliot Ship. & Land Co. Chile Nit. Sales Corp.	Tocopilla, Chile Darien, R. P Tocopilla, Chile	Azores ¹⁴ . Cristobal, C. Z. Alexandria, Egypt	Nitrate Bananas Nitrate	6,980 35 9,590
AsmaraSanta Ana	1 1	5 2 3	Amer Ital Amer	AmerFor. S. S. Corp. Italian Navy Grace Line.	Pt. Angeles, Wash SanAntonio, Chile SanAntonio, Chile	Po'keepsie, N. Y. Genoa, Italy New York, N. Y. Cristobal, C. Z.	Copper General	7,000 6,000 6,359
Sona ² . Tuira ² . Real ² . Memphis ¹² .	2 2 3	4 4	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas Bananas	53 53 38
Losmar	1 2 1 2 2 2 2 3 3 3 3	8 3 3 6	Amer Amer Brit Neth	U. S. Navy Calmar S. S. Corp Lago Oil & Trans. Co. Royal Neth. S. S. Co.	San Diego, Calif. Olympia, Wash. Talara, Peru Tumaeo, Colom.	Norfolk, Va Baltimore, Md. Galveston, Tex. Cristobal, C. Z.	LumberBallast	7,354
Esso Panama ¹ Nero ² Tampa ² Ellery W. Niles ¹¹ Swasey ⁹ . Thateher ⁹ . Kaikoura ²	3 4 1		Amer Amer	Roosevelt S. S. Co.	Hongkong, China Balboa, C. Z. San Diego, Calif.	Baltimore, Md Cristobal, C. Z Galveston, Tex	(18)	7,878
Thatcher 9 Kaikoura 2	1 3 4	4 6	Amer Brit Pan	U. S. Army U. S. Navy U. S. Navy M. A. N. Z. Line Elliot Ship. & Land Co.	San Diego, Calif. Adalaide, Aust B'ventura, Col	Newport, R. I St. John, N. B Cristobal, C. Z	General. Coffee, gen.	3,662 1,190
Colombia ² . Tela Lihue Silverlaurel	4 4	4 4	Hond Amer Brit	United Fruit Co Matson Nav. Co	Pto. Arm'les, R.P. Honolulu, T. H.	Mobile, Ala New York, N. Y. New York, N. Y.	Bananas (19) General	8,856 8,148
Rimutaka Nora ²	4	5 5 5	Brit Dan Amer	N. Z. Shipping Co. Wessel, Duval & Co. Coastal Shipping Co.	Hongkong, China Auckland, N. Z. Iquique, Chile S. Francisco, Cal.	New York, N. Y.	Frozen, gen. Nitrate, gen. Lumber, lead	6,658
Fairfield City. Draco ² Harpoon Ebba ² Mussolini ²	4 5 4 5	5	Amer Neth Amer	Royal Neth. S. S. Co. Shepard S. S. Co.	Manila, P. I	Cristobal, C. Z.	Coffee, rice Lumber, gen	8,202 563 8,262
	5 5 5 5	6 6 5	Amer	H. Obarrio Luckenbach Line	Darien, R. P Darien, R. P Seattle, Wash	Boston, Mass. Cristobal, C. Z. Cristobal, C. Z. Boston, Mass.	Bananas Bananas	23 35 9,306
Bethore Liberty 8	30		Amer Amer Pan	Ore S. S. Corp. U. S. Army A. Tagaropulos	Pt. Angeles, Wash Darien, R. P. Darien, R. P. Seattle, Wash Cruz Gr'de, Chile Balboa, C. Z. Darien, R. P.	Baltimore, Md New York, N. Y. Cristobal, C. Z.	Iron ore General Bananas	21,500
La Placentia ¹ . Samuel Bakke ² . Pereira . California	6 5 6	6	Pan	Union Oil of Calif Knut Knutsen O.A.S. Grace Line Chile Nit. Sales Corp.	Vancouver, B. C. Acajutla, Salv.	Savannah, Ga Liverpool, Eng Cristobal, C. Z Norfolk, Va	Petroleum (22) (23)	10,982 7,351 271
Silveray 2,	6 5 6 6	6 7 6	Amer Amer	Silver Line, Ltd	Antol'gasta, Chile Vancouver, B. C. Longview, Wash	Philadelphia, Pa.	Nitrate General Lumber, gen.	7,954 7,416 7,276 6,070
Lagarto ²	6 6 6	7	Brit Pan Pan Neth	Pacific Steam Nav.Co Elliot Ship. & Land Co. Elliot Ship. & Land Co. Silver Java Pac. Line.	Antof'gasta, Chile Darien, R. P	Liverpool, Eng Cristobal, C. ff Cristobal, C. Z South Africa	Tin, gen Bananas Bananas General.	55 40 7,397
President Herren- sehmidt. 1 2 Delhi 2	6	7	Nor Swed .	Pechelbronn, Paris SwedEast Asiatic Co	Calcutta, India Lobitos, Peru Vancouver, B. C.	Donges, France Hull, England	Crude oil	13,290
Telde Abraham Lincoln ² Fjordheim	7 6 7 7	7	Hond Nor	United Fruit Co Fred Olsen & Co Chile Nit. Sales Corp	Pto. Arm'les, R.P. N. Westm'er, B.C.	New Orleans, La. Oslo, Norway Sayannah, Ga	Bananas Wheat, gen	7,898
Point San Pablo Puerto Rican Jane Christensen	6	7	Amer. Amer. Amer.	McCormiek S. S. Co., Isthmian S. S. Lines.	Iquique, Chile Pt.Gamble, Wash. Koilthamm, St.Set So. Bend, Wash Adelaide, Aust'lia	Philadelphia, Pa	Nitrate Lumber,lead (²⁴) Lumber	3,900 7,829 6,958
Lightning Istmo Rolling Stone ² 6	7 7 7 7	8 8	Amer Colom. Pan	Arrow Line	B'ventura, Col	Cristobal, C. Z.	General Ballast Ballast	6,95
Anna Maersk 2 Lebore	7 8 8 8 7	9 8 10	Dan Amer Ital	Ore S. S. Corp. Italian Line	Manila, P. I Cruz Gr'de, Chile Valparaiso, Chile.	Baltimore, Md Baltimore, Md	Ore, gen Iron ore	$\frac{21,800}{3,19}$
Minnesotan Nosiro Maru ²	8 8	8 8 9	Chile Amer Jap	Cia.Sud.Amer.deVap. AmerHawaiian Line. Nippon Yusen Kaisya	SanAntonio, Chile Portland, Oreg. Hongkong, China	Genoa, Italy New York, N. Y. Boston, Mass Baltimore, Md New York, N. Y.	Copper, gen General Ore, rice, gen	4,728
City of Newport News. Socrates 2	8		Amer Neth	Panama-Pacific Line Royal Neth. S. S. Co.	Penang, St. Sett. Balboa, C. Z	New York, N. Y. Cristobal, C. Z.		0,48

Tanker, ² Motor ship. ⁶ Yacht. ⁸ Transport. ⁹ Destroyer, ¹¹ Mineplanter, ¹² Cruiser. ¹³ Survey ship.
 For orders, ¹⁵ Oats, zine, lumber, ¹⁶ Plantains, lumber, ¹⁷ Coffee, hides, nuts. ¹⁸ Sugar, ore, general.
 Canned pineapple, eanes. ²⁰ Rubber, tin, general. ²¹ Canned and dried fruit. ²² Fruit, lumber, general.
 Coffee, hides, general. ²⁴ Rubber, tin, sand. ²⁵ Rubber, tin, general.

	rived	cleared	Nation- ality	Line (Charterer or operator)	Port		Cargo	
Ship	ate	Date ele			From-	For—	Nature	Long
W. H. Berg 1 Kenmar	7 8 9 6 2 9 8 8 9 9 9 9 9 9 8 8 8 9 9 9 8 8 9 9 8 9 9 9 8 8 9 9 8 9 9 8 9 8 9 9 8 9 9 8 9 9 8 9 8 9 8 9 9 8 8 9 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 9 8 9 8 9 8 9 8 8 9 9 9 8 9 8 8 8 9 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 8 9 8 9 8 9 8 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 8 9 8 8 9 8 9 8 9 8 9 8 8 9 8 9 8 9 8 9 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 8 9 8 8 9 8 8 9 8 8 9 8 8 9 8 9 8 9 8 8 9 8 9 8 9 8 8 9 8 9 8 8 9 8 8 9 8 8 8 8 8 9 8 8 8 8 8 9 8 8 9 8 8 8 8 9 8	9 10 9 10 9 10 10 10 10 10 10 10 10	Nor Amer. Brit. Swed. Pan. Amer. Brit. Jap. Greek Pan. Pan. Pan. Pan. Pan. Pan. Amer. Fr. Brit. Amer. Amer. Amer. Brit.	Chile Nit. Sales Corp. Grace Line Pacific Steam Nav. Co. Shaw, Savill & Albion Johnson Line. Elliot Ship, & Land Co. U. S. Army Lago Sbip Co., Ltd Pacific Steam Nav. Co. Kokusai Kisen Kaisya Ministry of Supply. Elliot Ship, & Land Co. Elliot Ship, & Land Co. Elliot Ship, & Land Co. Elliot Ship, & Land Co. U. S. Navy Waterman S. S. Corp. French Line. Ort Line, Ltd. Luckenbach Line Mitsui Senpakubu Sun Oil Co. Calmar Line Mimistry of Supply. Smith & Johnson	Balboa, C. Z. Balboa, C. Z. Champ'ico, Guat. Kobe, Japan N. Westm'er, B.C. Darien, R. P. Darien, R. P.	Panama City, Fla. New York, N. Y. Liverpool, Eng London, England Liverpool, Eng Cristobal, C. Z. New York, N. Y. S. Nicolas, Cuba. Cristobal, C. Z. New York, N. Y. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. New York, N. Y. Havre, France. United Kingdom, New Orleans, La. New York, N. Y. Marcus Hk, Pa Baltimore, Md United Kingdom, New York, N. Y.	(16) Bananas General Ballast (17) Lead, lum. Bananas Bananas Bananas Ballast Sugar General Lumber, gen. Gasoline Lumber pulp (19)	6,840 11,617

¹ Tanker. ² Motor ship. ⁵ Launch. ⁸ Sugar, silk, general. ¹⁸ Wheat, lead, lumber. 8 Transport. 15 Copper, bananas, general. 15 Coffee, wood, general.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices to individuals and companies, as of April 17, 1940:

Commodities	Unit	Price	
Brass, bar, average	Lb.	\$0.20	
Brass, sheet, average		.31	
Bronze, Tobin, average		22	
Gasoline, motor grade		14	
Metal, yellow		26	
Oakum, Navy, spun	Lb	20	
Oakum, Navy, unspun		1 17	
Oil, gun and ice machine		31	
Oil, engine, gas, light, in drums, No. 2135	Gal	.28	
Oil, engine, gas, extra heavy, in cases, No. 2250		.31	
Oil, engine, gas, extra heavy, in drums, No. 2250.	Gal	.26	
Oil, kerosene, in drums	Gal	1 11	
Oil, marine, engine	Gal.	54	
Paint, lead, white, dry	Lb.	11	
Paint, lead, white, in oil	Lh	1 10	
Paint, zinc oxide, dry	Lb.	07	
Paint, zinc oxide, in oil.	Lb	1 11	
Grease, gear, chain and wire rope, lubricating.	I.b	05	
Grease, yellow, cup, medium	Lb.	.06	
Grease, yellow, cup, hard	Lb	.06	
Soda, ash	Lh	.03	
Waste, cotton, colored		.09	
Waste, cotton, white		10	

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks

Bunker fuel oil is delivered to vessels at either Cristobal of Bailboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, \$1.10 per barrel at Cristobal and Balboa; Diesel oil, \$1.90 per barrel at Cristobal and Balboa.

Consular Officers Accredited to Canal Zone

Consula	ii Officers Accredited to Canar Zone	
Name	Title	Address
	BELGIUM	
J. J. Henriquez	Honorary Consul for Canal Zone	Colon
	BOLIVIA	
Dr. Jorge Eduardo Boyd.	- Honorary Consul General for Canal Zone	Panama
	BRAZIL	
Jorge D. Arias F Pedro Ernesto Arias I	Honorary Consul for Canal ZoneHonorary Vice Consul for Canal Zone	Panama Panama
	COLOMBIA	
Juan A. Calvo	Consul General for Canal Zone from Balboa to Gamboa Consul General for Canal Zone from Cristobal	Panama
Jorge Castano Castino 11	to Gatun, including Gatun Lake	
	COSTA RICA	
Juan Dávila Solera	Honorary Consul General at Balboa for the Canal Zone	Panama
Enrique Pucci Paoli	Canal Zone	Colon
	DENMARK	
	Honorary Consul for Canal Zone	
	DOMINICAN REPUBLIC	
Manuel de J. Quijano H. J. Henriquez	Honorary Consul General for Canal Zone Honorary Vice Consul for Canal Zone	Panama Colon
	EL SALVADOR	
Ernesto A. Boyd Roberto Boyd	Honorary Consul for Canal Zone Vice Consul for Canal Zone	Panama Panama
	FINLAND	
Herman J. Henriquez	Honorary Consul for Canal Zone	Colon
	FRANCE	
Pierre H. de la Blanchetai	Consul for Canal Zone	Panama
	GERMANY	
Ernest F. Neumann	Honorary Consul for port of Balboa,	_
Kurt Lindenberg	including Pacific part of Canal Zone Acting Consul for port of Cristobal	
Walther Schmidt	and the Atlantic part of Canal ZoneActing Consul for port of Cristobal and the	Cristobal
	Atlantic part of Canal Zone during the absence of Kurt Lindenberg on leave	
	GREAT BRITAIN	Cristobas
Charles E. S. Dodd	Consul General for Canal Zone	Panama
Douglas Gerald Rydings	Consul for Canal Zone Vice Consul for Canal Zone Vice Consul for Canal Zone	Panama
	GUATEMALA	
Tomás Arias		Panama
Manuel J. Castillo Dr. Julio Jiménez Sierra_	Zone at BalboaHonorary Vice Consul at CristobalHonorary Consul at Cristobal	Colon Colon

Name	Title	Address
	HAITI ,	
Max R. Stempel	Consul at Balboa, Canal Zone	Panama
	HONDURAS	
Juan Francisco Arias F.	Honorary Consul at Balboa, Canal Zone	Panama
	HUNGARY	
Pedro Ernesto Arias I	Honorary Consul for Canal Zone	Panama
	ITALY	
Giovani Bruni	Royal Consular Agent	Colon
	JAPAN	
Yashichi Otani	Consul for Canal Zone	Panama
	MEXICO	
Silvio Salazar	Honorary Consul for Canal Zone from Cristobal to Gorgona	Colon
	NETHERLANDS, THE	
David M. Sasso	Honorary Consul General for Canal Zone Honorary Consul for Cristobal, Canal Zone	Panama Colon
	NICARAGUA	
Armando Pallais L Roberto Feuillebois	Consul General for Canal Zone Honorary Consul for Cristobal, Canal Zone	Panama Colon
	NORWAY	
Alan Neave Dodd	Consul for Canal Zone, except Balboa and Ancon-	Colon
	PARAGUAY	
Juan Brin, Jr.	Consul General for Canal Zone	Panama
	SPAIN	
Juan de Arenzana y C.	Consul General for Canal Zone	Panama
	SWEDEN	
Capt. Hans Elliot Julio A. Salas	Consul General for Canal Zone Honorary Vice Consul for Canal Zone	Panama Colon
	VENEZUELA	
Pedro Contreras Dávila.	Consul General for Canal Zone	Colon

Provisions Required by Ships

Commissary Division, Panama Railroad Company, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats (including native beef), ice, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery, or for delivery at the other terminal after transit.

Information from American Consuls

The Consular officers of the United States at seaports all over the world are ex officio representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc., at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed for reference.

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time by applying to the nearest American Consul.

Tolls Charges for Transit of the Panama Canal

(Effective March 1 1938)

l.	Complete transit (one way):	
	(a) Merchant vessels, yachts, army and navy transports, colliers, hospital	
	ships, and supply ships, when carrying passengers or cargo—	
	Per net vessel-ton of 100 cubic feet each of actual earning capacity—that	
	is, the net tonnage determined in accordance with the Rules for the	
	Measurement of Vessels for the Panama Canal	\$0.90
	(b) Vessels in ballast without passengers or cargo—	
	Per net vessel-ton	.72
	(c) Other floating craft, including warships, other than transports, colliers,	
	hospital ships, and supply ships—	
	Per ton of displacement	.50
2.	Part transit:	
	Vessels returning from Gatun Lake to original point of entry into the	
	Canal, without passing through the locks at the other end, are charged	
	tolls for one passage only.	

3 Free transit.

Vessels transiting the Panama Canal by prearrangement from Cristobal to Balboa and return for the sole purpose of having repairs made at Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OILS, FORCE FEED AND MOTOR CYLINDER

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication. Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50. Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric loco-

motives.

motives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes dredges, stramshowels, etc.

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steamshovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

steam.

Neatsfoot.—For softening and preserving leather.
Solvent.—Rust-preventing lubricant, for general use.
Sperm.—Used principally by U. S. Navy.

THE PANAMA CANAL RECORD



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Volume XXXIII

Balboa Heights, C. Z., May 15, 1940

No to

Traffic Through the Panama Canal in April 1940

The total vessels of all kinds transiting the Panama Canal during the month of April 1940, and for the same month in the two preceding years, are shown in the following tabulation:

		April 1940		April		
	Atlantic to Pacific	Pacific to Atlantic	Total	1939	1938	
Ocean-going commercial traffic. Small commercial vessels ¹ Noncommercial vessels:	182 43	194 41	376 84	496 62	487 91	
United States Government For repairs	40	32 3	72 7	119 3	28 3	
Total	269	270	539	680	609	

Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC 2

The following tabulation shows the number of vessels, Panama Canal net tonnage. tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve-month period ended April 30, 1940, as compared with the corresponding period ended April 30, 1939:

Month	No. of vessels		Panama Canal net tonnage		Tons	of cargo	Tolls		
	1939-40	1938-39	1939-40	1938-39	1939-40	1938-39	1939-40	1938–39	
MayJuneJulyAugust September October November JanuaryFebruaryMarchApril	485 490	465 445 429 468 438 494 505 509 525 501 553 496	2,341,894 2,268,679 2,254,398 2,247,009 2,119,418 2,068,665 2,178,556 2,116,424 2,056,568 1,782,977 2,099,902 1,704,951	2,150,228 2,064,793 1,933,816 2,177,699 2,005,241 2,276,194 2,302,336,011 2,380,916 2,282,318 2,586,580 2,278,326	2,538,949 2,437,087 2,317,697 2,385,039 2,445,700 2,386,314 2,472,503 2,361,176 2,337,943 2,123,574 2,123,574 2,081,483	2,309,171 2,122,389 2,025,660 2,171,674 1,998,464 2,359,673 2,223,830 2,374,395 2,393,360 2,206,963 2,606,963 2,472,504	\$2,053,502 16 1,977,431.94 1,974,380.72 1,964,776.48 1,855,574.22 1,815,210.24 1,915,075.38 1,840,096 9 1,795,241.88 1,567,416.06 1,832,416.98 1,508,200.86	\$1,886,825 66 1,801,291.78 1,694,205.00 1,890,050.74 1,7741,895.46 1,977,706.76 1,884,014.72 2,031,017.03 2,062,454.16 1,996,735.66 2,252,156.28 1,999,851.16	
Total	5,567	5,828	25,239,441	26,774,455	28,166,897	27,322,151	22,099,323.90	23,318,204.42	

² Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons and over, Panama Canal measurement.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 tons measurement (Panama Canal net), which transited the Panama Canal during the month of April 1940. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	43 41	1,760 1,495	\$1,334.34 1,330.56	322 1,554
Total	84	3,255	2,664.90	. 1,876

Traffic by Nationality of Vessels 3 for April 1940

Nationality	No. of vessels	Panama Canal net tonnage	Tolls	Tons of cargo
British. Chilean Colombian. Danish Egyptian French Greek Honduran Italian Japanese Latvian Netherland Nicaraguan Norwegian Panamanian Panamanian Panamanian Pummanian Swedish United States	4 67 5 1 6 2 6 6 14 8 8 4 4 200 2 2 5 1 3 7 1 4 2 2 2 7 153	388,493 18,992 452 22,929 7,959 18,278 61,071 14,369 30,667 117,380 6,344 52,313 369 158,585 14,884 9,749 7,168 31,051 743,898	\$347,959.92 16,747.56 325.44 20,636.10 6,493.50 16,450.20 53,456.76 11,878.56 27,600.30 105,642.00 5,709.60 45,604.44 332.10 136,847.34 13,395.60 8,774.10 6,451.20 27,156.78 656,739.36	368,057 15,459 30,332 7,450 25,826 94,496 4,710 14,913 136,353 12,025 56,740 177,649 22,882 10,866 13,206 47,814
Total	376	1,704,951	1,508,200.86	2,081,483

³ Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. ⁴ Includes one naval vessel of 18,150 displacement tons.

Traffic by Trade Routes for April 1940

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

United States intercoastal	anama anama
East coast United States and: 1 Canada 1 Central America/Mexico 5 South America 29 Hawaiian Islands 2 Australasia 6 Philippine Islands 7 Far East 15 East coast Canada and Australasia 4 South America intercoastal 5 East coast South America and: 1 United States 3 Canada 1 Far East 2 Cristobal and: 2 United States 5 Central America/Mexico 5 South America 12 West Indies and: 1 United States - South America 4 Balboa 2 Burope and: -	2,118 11,925 37,317 85,9 8,768 11,2 34,308 36,373 43,98 80,970 119,1 24,837 24,567 4,567 9,571 10,2 3,908 3,308 3,308 3,308 119,1 10,2
United States 6 Canada 10 South America 9 Australasia 8 Far East 1 Egypt and west coast South America 1 Around the world 1 Vessels not encared in compares 5 1	9,950 10,3 14,824 25,7 13,377 25,2 32,736 5,0 49,718 10,7 41,937 18,2 66,865 32,9 5,288 3,2

⁵ Salvage tug.

Origin and Destination of Cargo by Major Areas, April 1940

The following table summarizes the origin of cargo passing through the Canal in April 1940, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

		Tons of cargo destined for—						
Origin	United States	Other North America	Asia	South America	Austral- asia	Total		
North America: United States. Other North America Europe. Miscellaneous.	234,765 2,387 8,348 13,063	26,717 29,571 6,479 1,041	161,714 79 3,226 9,441	82,861 40,202 16,550 5,095	34,951 25,874 32,945	541,008 98,113 67,548 28,640		
Total	258,563	63,808	174,460	144,708	93,770	735,30		

PACIFIC TO ATLANTIC

Origin	United States	Other North America	Europe	Miscel- laneous	Total
North America: United States Canada Other North America South America Australasia Asia	326,459 19,275 45,508 235,255 5,553 155,227	33,221 75 3,109 15,410 14,613 4,322	42,930 140,281 2,287 118,099 95,207 4,075	15,306 3,985 61,257 4,720	417,916 163,616 50,904 430,021 115,373 168,344
Total	787,277	70,750	402,879	85,268	1,346,174

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during April 1940 or April 1939, are listed below:

C 1:4	Apı	ril	Commodity	April		
Commodity	1940 1939		Commodity	1940	1939	
Atlantic to Pacific Automobiles and parts Canned food products Cement Chemicals Coal and coke Cotton, raw Iron and steel Machinery Metals, various Oils, mineral. Paper Phosphates Railroad material Scrap metal Sulphur Tinplate Pacific to Atlantic Asphalt and tar Barley	9,056 10,272 7,086 10,784 65,473 16,368 154,576 13,903 14,708 97,478 40,471 6,706 5,216 19,314 16,152 22,011	18,405 12,947 12,598 10,940 5,158 15,444 147,478 16,953 65,440 31,923 26,712 11,172 138,565 28,131 120,464	Pacific to Atlantic—Continued Canned food products. Coffee Cold storage (food products) 6. Flour Fruit, dried Fruit, fresh 7 Lumber Metals, various Nitrates Oats Oils, mineral Oils, vegetable Ores Paper Phosphates Rubber, raw Sugar Wheat Wood pulp	88,477 14,837 58,498 19,976 9,280 9,484 256,947 80,099 177,832 2,583 114,238 18,815 152,580 12,665 24,069 104,187 27,579 17,472 22,473	97,55- 15,90- 31,73- 11,13- 17,81- 46,40- 307,05- 66,71- 170,86- 12,28- 204,82- 21,25- 176,47- 10,89- 30,90- 1,93- 124,84- 124,73- 22,13- 16,32- 22,13- 16,32- 16,47- 170,89- 180,89-	

⁶ Except fruit. ⁷ Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of April 1940, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

	United interc	States	routes in	Total for all trade routes including U. S. intercoastal	
Commodity	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic	
Aircraft and partsgricultural implements	621	5	108 1,801	19 61	
Alfalfa meal	395 168	231	9,470	231	
unimal foods ⁸ . Lupparel, wearing (hats, shoes, clothing, etc.) usbestos.	558	14	3,495	$\frac{45}{2}$	
sphalt and tar. uutomobiles (and autotrucks) uutomobile parts and accessories	1,226 667	15,284 12	7,196 4,935 4,121	17,028 14 61	
Bags and bagging, textile Samboo and products Sananas	282	30 42	358	68 249 3,928	
Barks, miscellaneous Barley Beans, edible, dry	29	38 3,328	23 31	764 1,495 13,468	
seans, edible, dry Seer Severages, nonalcoholic Blood and tankage	81 107	3,328	253 107		
slood and tankage Sones and bone meal Sooks and printed matter	30	72 12	55 746 40	198 72 12	
Sorax Bran and pollards Bricks and tile	506	334 22	1,632	5,084 481 38	
'anned and preserved goods: Fish Fruit	257 2,219	5,554 22,848	412 2,465	11,185 54,456	
Meat Milk	18	95 56	2,393 177 1,387	631	
Soup Vegetables Miscellaneous and unclassified	564 2,513	9,882 11,603	634 2,804	10,109 11,875	
3arbon black Cement Chalk	328	9 46	823 7,086 375	331	
harreoal hemicals ⁸ Jlay, china and fire Jlay, filtering	50 5,618 695	707	188 10,784 1,195	3,727 169	
[0al	1,465 1,76	183	475 63,573 1,007	1,640	
Cocoa and cacao beans. Coconuts and products ⁸ Coffee Oke	46 334	713 47	99 9,030 1,900	1,828 14,837 24	
'old storage and retrigerated products: Dairy products Eggs		17 6	347	16,984 118	
Fish Lard Meats	433	85	6 639 46	404 10 40,567	
Vegetables. Other and unclassified Confectionery	110 1,289	26 56	28 133 1,334	221 194 59	
Opra Opra meal and cake Opra meal and cake Cotton, raw Cressote	14	171	16,368	284 1,832 6,758	
brugs and medicines	2,351		2,698	111 143	
Dyes Carthenware Eggs, dried	226 43	82	364 226 43	82	
Electrical apparatus and appliances Enamel and metalware Explosives	1,594 834 126	190 3 20	3,280 1,310 335	313 214 22	
Extract, quebracho Certilizers ⁸ Fish meal	624	40	2,231 1,371	303 92	
Floor coverings Flour Truit, dried	1,933	13,171 7,590	2,211 1,134	1,024 19,976 9,280	
'ruit, fresh ⁸ Gurniture and household goods Jeneral	393 11,675	2,810	3 411 50,793	9,484 61 10,273	
llass and glassware. Blue Frains ⁸	1,916	33 65	3,323 86 123	360	
Froceries Lums Jair, all kinds	1,665	436 37 35	2,628 43 61	669 573 148	

⁸ Except as otherwise classified.

Common Prince	United interc		Total for routes in U. S. inte	cluding
Commodity	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Hemp, unmanufactured		145	85	3,752
Honey		51		205
Horns and hoots		44		1,121
Infusorial earth. Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.). Ivory nuts. Jute, unmanufactured. Lard substitute	86,119	38	154,576	3,072
Ivory nuts	13		24	1,677
Lard substitute	473		473	
Liquors	5,398 3,257	$\frac{270}{126,438}$	7,037 4,705	273 256,947
Lumber (including manufactured mili products). Machinery. Malt. Manufactured goods Marble and granite Matches.	1,976	232	13,903	1,173
Malt	23 10.520	267	$246 \\ 22,363$	681
Manufactured goods 5	10,520	207	22,303	0.01
Matches.	358	197	423	200
Metals: Antimony		91	27	116
Copper	429	3,272	3,800	46,274
Copper	432	18	3 4,691	75 427
Iron Lead		652	1,541	14,649
Tin	374	39	1,673	4,469
Other and unalessified	213 619	10 24	1,675 1,298	11,949 2,140
Zinc Other and unclassified Milk, powdered		241		835
Molasses and syrups	361		566	560 177,832
Nitrate Nuts, edible (including meats)	8,306	449	9,284	591
Uats	110	251	122	2,583
Oils, mineral: Crude.		10,982	10,869	44.841
Gas and fuel			51,142	44,841 12,307
Gas and fuel. Gasoline, benzine, and naphtha Kerosene Lubricating and greases.		40,949	4,951	41,857 12,309
Lubricating and greases.	6.666	771	2,691 27,767	2,919
Other and unclassified	45		58	5
Oils, vegetable: Coconut			64	14,217
Cottonseed		11	27	11
Linseed Olive	34 315	32	214 641	50
Peanut	64		64	1,124
Teaseed	52	9	65	1,674
Wood	102	42	254	1,695
Oil, fish. Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)		13	1	1,992
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.) Oilseed cake and meal	2 989	20	3,810 2,282	1,660 4,578
Ores:	2,202			
Antimony			25	377 12,500
Chrome. Copper		225		1,450
Copper Gold and silver	21		58	72
Iron Lead	71	538	71	110,438 3,501
Magnesite		3,803		3,501 5,903 5,321
Manganese Tin	80	306	80	6,686
Zinc Other and unclassified			32	3,162
Other and unclassified	1 19	160	280	3,170 372
Paints and varnishes Paper and paper products 8.	1,907 11,556	6,888	3,553 40,471	12,665
Peanuts	1,343		1,343	68
Peas, dry Peatmoss		255	175	876
Phosphates	1,790		6,706	
Plaster	347	112	33 840	2,523
Porcelainware Potash	20	927	1,065	1,462
Pyrethrum flowers				333
Rags and waste Railroad material	334 2,466	10	989 5,216	1
	1,233	256	1,437	7,01
Rice		07	688	169
Rice. Rope and twine.	649	27		-
Rice	2,088		3,053	
Rice. Rope and twine Rosin		1		470 24,06

 $^{^8}$ Except as otherwise classified.

	,			
Commodity		I States coastal		all trade ncluding ercoastal
Community	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Salt. Sand Serap metal. Seeds (except oilseeds) Shells, all kinds Silk, raw	290 57 221 1,033	622 146 53	2,363 3,205 19,314 1,479 1,210	622 2,727 227 439 227 438
Skins and hides Slag. Slate Soaps and products. Soda and sodium compounds:	3 413 2,845	1,371	736 8,400 413 2,875	3,748
Soda ash Soda, caustic Miscellaneous and unclassified Soy beans Spices Sugar	424 777 502 121 374 34	12	756 1,361 1,354 121 485 42	1,242 230 36 104,187
Sulphur Tale Tallow Tea Textiles ⁹	10,355 60 65 37 4,288	107 203 166 6 14	16,152 81 65 85 7,001	111 891 2,801 522 3,358
Tinplate. Tobacco and manufactures. Toilet preparations. Turpentine. Vegetables, dry 8	11,399 400 215 350	53 28	22,011 4,217 215 402	9 83 114 492
Wall board Wax, paraffin Wheat Wines Wood pulp	128 222 161	45 1,306 11,837 1,859	264 505 131 458 2,975 301	1,391 1,643 27,579 1,483 17,472 22,473
Total, April 1940	234,765	326,459	735,309	1,346,174
Total, April 1939	226,325	395,030	784,924	1,687,580
Total, April 1938	165,861	268,629	878,757	1,400,478

⁸ Except as otherwise classified.

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of April 1940:

		Atlantic to Pa	eific	Pacific to Atlantic			
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo	
United States intercoastal East coast United States and:	4	25,563		5	34,284	10 67,165	
Central America/Mexico	1	5,049	9,593	2	3,256		
Philippine Islands					3,864	116,700	
Cristobal and United States West Indics and:				1	6,801	12,307	
United States. South America	2	13,347	24,584		5,771		
Balboa Europe and:	2	13,377	25,218				
United States South America	1 2	7,720 10,970		3	17,483	34,56	
Total	13	80,385	62,895	13	71,459	133,000	

¹⁰ Includes 15,232 tons of cuthack asphalt. 11 Coconut oil.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies available for sale to ships.

⁹ Cotton, silk, wool, rayon goods.

Comparison of Canal Traffic in April 1940, with April Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

		Month of A	oril		Average per month for fiscal year			
Calendar year	No. of transits	Panama Canal net tonnage	Tons of cargo	Fiscal year	No. of transits	Panama Canal net tonnage	Tons of cargo	
1915 1916 1917 1918 1919 1920 1921 1922 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1932 1933 1934 1935 1936 1937 1938 1938	12 116 69 146 168 158 207 222 225 3395 395 377 449 510 532 479 437 337 469 482 473 482 482 473 387 489 482 473 487 486 376	(000 omitted) 374 216 485 501 445 7599 883 901 1,856 1,898 2,056 2,203 2,300 2,300 2,292 2,119 1,722 2,170 2,306 2,090 2,299 2,298 2,298 2,298 2,298 2,298 2,298 2,298 2,298 2,298 2,298 2,298 2,298 2,276 2,259 2,278	(000 omitted) 366 628 627 507 867 908 1,046 2,187 2,159 1,951 2,237 2,429 1,422 2,473 2,718 2,456 2,009 1,442 2,291 1,526 2,291 2,473 2,274 2,274 2,274 2,274 2,274 2,274 2,274 2,274 2,274 2,274 2,274 2,274 2,274 2,274 2,274 2,277 2,472 2,472	1915. 1916. 1917. 1919. 1920. 1921. 1922. 1922. 1924. 1925. 1927. 1928. 1929. 1930. 1931. 1932. 1934. 1933. 1934. 1935. 1936. 1937. 1938. 1938.	13 100 60 145 165 162 199 232 222 325 429 382 424 441 521 524 502 447 347 436 432 449 460 492	(000 omitted) 334 184 447 506 472 659 879 880 1,434 2,016 1,761 1,909 2,209 2,2140 1,820 1,758 2,201 2,143 2,163 2,163 2,264 2,2163	(000 omitted) 466 258 558 627 576 781 966 907 1,631 2,249 1,996 2,169 2,311 2,468 2,554 2,504 2,503 1,613 2,059 1,620 2,209 2,209 2,209 2,209 2,209 2,209 2,209 2,209 2,209 2,209 2,209 2,209 2,209 2,209 2,209 2,209 2,209 2,319	

¹² Canal opened August 15, 1914.

Terminal Activities

Ships repaired during the month of April 1940 numbered 53. Vessels released from drydock numbered 11. Fuel oil amounting to 502,050 barrels was delivered as bunkers to 184 commercial vessels. Bunker coal amounting to 11,434 tons was delivered to 23 commercial vessels. Sales of commissary supplies to ships aggregated \$48,300.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving tons. Local cargo shipped tons. Cargo received for transshipment tons. Cargo transshipped tons. "Canal Zone for Orders" cargo:	42,047	16,805	58,852
	2,668	532	3,200
	56,535	743	57,278
	57,706	498	58,204
Number of receipts issued. Number of releases issued Tons received. Tons withdrawn.	3	0	3
	28	12	40
	75	0	75
	33	4	37

All Vessels Entering and Clearing Port

		Port of Cris	tobal		Port of Balboa		
	No.	Registered	Registered	No.	Registered	Registered	
	of	gross	net	of	gross	net	
	ships	tonnage	tonnage	ships	tonnage	tonnage	
Ships entering All vessels, including those transiting Canal. Vessels entering port but not transiting Canal. Vessels transiting Canal and bandling passenbers and cargo at terminal ports.	478	2,713,903	1,654,706	423	2,374,262	1,453,414	
	60	271,599	150,343	18	28,174	16,732	
	108	623,705	371,828	75	542,159	324,675	
Ships clearing All vessels, including those transiting Canal. Vessels clearing port but not transiting Canal. Vessels transiting Canal and handling passengers and eargo at terminal ports	476	2,690,189	1,635,512	433	2,400,686	1,471,918	
	56	258,607	142,641	18	30,063	18,503	
	113	648,812	386,343	75	535,626	319,051	

¹³ Average for 10½ months.

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month of April 1940. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTO3AL

San Vincente, 468, 138	Contessa, 291, 367	West Ira, 254, 605	Manto, 443, 326	Margaret Johnson, 79,
Choluteca, 1,022, 913	Hibueras, 509, 41	Real, 0, 35	San Diego, 0, 326	0
Margaret Lykes, 942,	Kirsten B, 252, 44	Tuira, 0, 77	Veragua, 1,034, 179	Ceres, 3,651, 0
290	Santa Clara, 81, 52	Francis R. Hart, 0, 1	Dido, 0, 100	Kiyokawa Maru, 2,221
Cefalu, 718, 202	Orbita, 2, 142	Andino, 20, 0	Toloa, 669, 64	41
Auditor, 437, 0	American Legion, 951,	Draco, 0, 499	Margrethe Bakke, 1, 0	R. L. Hustler, 2, 0
Nemours, 558, 1	61			City of Los Augeles, 1,
Benjamin Franklin, 45,	Komaki Maru, 371, 1	Cefalu, 603, 180	La Paz, 6, 1,579	0
225	Rialto, 258, 2,538	Real, 0, 17	Stuyvesant, 88, 554	Turrialba, 1,780, 0
Platano, 2,767, 1	Acajutla, 483, 736	Platano, 1,732, 0	Manto, 3, 0	Nero, 107, 217
Panama, 4,948, 530	Salvador, 918, 0	Ancon, 4,981, 761	Contessa, 953, 309	West Notus, 55, 0
Nero, 547, 776	Ariea, 1,379, 22	Nemours, 0, 210	Choluteca, 409, 435	Argual, 230, 230
Santa Barbara, 290, 38	Santa Teresa, 559, 391	Santa Ana, 343, 180	Dramatist, 190, 0	Notos, 1,299, 807
Dido, 90, 172	Musa, 2,429, 1	Republic, 331, 1	Sorholt, 21, 1	Margaret Lykes, 3,235,
		Santa Maria, 41, 3	Santa Lucia, 22, 10	Margaret Lykes, 5,255,
Veragua, 80, 1,367	Cristobal, 3,283, 320			Chinana 200 A
Kaikoura, 119, 0	Santa Elena, 188, 9	Relief, 70, 4		Chipana, 288, 0
Colombia, 1,226, 760	Tuira, 0, 10	Amerikaland, 0, 2	Oberon, 1,977, 3,278	Villanger, 139, 924
Real, 0, 7	Aveyron, 0, 1,456	Svealand, 0, 1	Cottica, 49, 1,292	Inspiration, 0, 30
Sixaola, 1,276, 118	Virgilio, 238, 11	Sofie Bakke, 11, 0	Musa, 2,247, 0	Tarn, 326, 0
Agamemnon, 664, 2,936	Jamaica, 399, 113	Socrates, 1, 0	Panama, 5,901, 670	Pendrecht, 0, 12
Aconcagua, 267, 787	Notos, 41, 978	President Polk, 1, 0	Ivaran, 229, 0	Olancho, 465, 400
Draco, 658, 542	Chiriqui, 79, 1,121	Santa Ana, 0, 1	Imperial, 122, 36	Oropesa, 0, 78
Quirigua, 295, 246	San Antonio, 215, 1,508	Nora, 1, 0	Trojan Star, 57, 0	Silverwillow, 1,134, 1
Liberty, 0, 527	Colombia, 1,077, 775		Ord. Dept., Corozal, 0	
Lagarto, 0, 296	Belray, 0, 1	No. 207, 11, 0	28	Buenos Aires Maru,
Pereira, 282, 863	Esso Panama, 0, 20	Chateau Thierry, 552,		434, 330
Manoeran, 579, 0	Lotta, 0, 1	129	Crawford Ellis, 0, 599	A. A. Radium, I, 0
Abraham Lincoln, 104,	Nemours, 207, 1	Sinaloa, 1,161, 0	Chiriqui, 976, 69	Cefalu, 849, 177
769	Doros, 61, 982	Salvador, 1, 400	Santa Clara, 440, 26	Orduna, 86, 0
Lightning, 39, 0	Argual, 110, 729	Daytonian, 322, 0	Rita, 50, 10	Colombia, 1,309, 625
Istmo, 0, 8	Santa Marta, 1,711, 46	Talamanca, 109, 1,734	Quirigua, 86, 1,441	Roda, 1, 0
Oremar, 1,213, 0	San Jose, 622, 334	Stuyvesant, 431, 36	Acajutla, 697, 0	Balboa, 1, 0
	Dido, 584, 0	Nankai Maru, 280, 229		Kongo Maru, 1, 0
142	Manto, 603, 2	Colombia, 1,059, 833	Britanny, 578, 862	Tachira, 1, 0
Ecuador, 388, 510	Hibueras, 0, 374	Arizonian, 7, 0	Plato, 361, 887	Van Rensselaer, 0, 25
Anna Maersk, 238, 329	Orotava, 1,120, 0	Tuyama Maru, 0, 1	Real, 0, 17	Nevada, 115, 65
Augustus, 10, 1,093	Margaret Johnson, 725,	Plato, 0, 257	Sambu, 0, 85	Brandanger, 0, 16
Copiapo, 7, 2	288	Pasajero, 0, 12	Zacapa, 1,542, 283	Santa Elena, 1, 0
Nosiro Maru, 283, 159	Comayagua, 571, 701	Kirsten B, 850, 664	Ludington, 3,682, 0	
Socrates, 8, 4,909	Leonard Wood, 65, 104	Draco, 553, 196	24	
Doctation of Those	Econtila 11 ooa, oo, 101	D1400, 000, 100		

BALBOA

Esso Panama, 13, 0 British Columbia Ex-	City of Newport News, 78, 1		Rangitata, 1, 0 Santa Ana, 432, 2	Victoria, 28, 0 Santa Clara, 46, 17
press, 1,594, 0	San Antonio, 1,435, 0	Aconcagua, 0, 2	Rakuyo Maru, 227, 14	
Santa Ana, 6, 0	Santa Clara, 46, 2		Colon, 31, 0	Montevideo Maru, 0,
Liberty, 3,401, 103	Hunter Liggett, 245, 0		Chateau Thierry, 857,	
Tela, 0, 1	Washington Express,		147	Dona Nati, 0, 1
	763, 6	Copiapo, 2, 1	Santa Maria, 3, 1	Colombia, 1, 0
	Santa Elena, 254, 37	Tamesis, 0, 1	Colombia, 2, 0	Ludington, 3,960, 0
Santa Barbara, 196, 28		Salvador, 2, 0	Dido, 0, 26	City of Baltimore, 60, 1
City of Baltimore, 2, 9		Andino, 0, 1	Santa Lucia, 32, 16	Kivokawa Maru, 1, 0
American Legion, 2, 114,		Navigator, 0, 1	L. P. St. Clair, 169, 0	Connector, 135, 0
54	Relief, 0, 13	Arimasan Maru, 3, 0	Tcla, 1, 0	Buenos Aires Maru, 1,
Dido, 0, 238	Pereira, 0, 5	Virgilio, 0, 1	Ivaran, 51, 0	0
Trontolite, 0, 3	Norden, 1, 0	Sakito Maru, 0, 1	Kirsten B, 0, 3	Inspiration, 0. 1
Anna Maersk, 88, 0	Salvador, 2, 0	Donna Aurora, 0, 1	Kirisima Maru, 1, 0	•
Draco, 0, 157	Orotava, 6, 0	Republic, 488, 20	Acajutla, 2, 0	
	O-1	T 1 W 1 97 00	Improved 1 0 0	

Note.—Figures shown represent short tons of 2,000 pounds.

Colombia, 1, 0

Passengers

Leonard Wood, 37, 80 Imperial, 2, 2

During April 1940, ocean-ship passengers debarking at Cristobal numbered 2,503; embarking, 1,728; at Balboa, 1,235 debarking and 981 embarking. Passengers passing through the Canal from the Atlantic to the Pacific, 3,867, from the Pacific to the Atlantic, 2,252. Commercial aircraft numbering 60 entered Cristobal with 461 passengers debarking; clearances were 57 with 411 passengers embarking. Balboa entries of aircraft numbered 60 with 235 passengers debarking; clearances were 60 with 169 passengers embarking.

Movements of Ocean Vessels Through the Panama Canal From midnight April 10, 1940, to midnight May 10, 1940

ا ت ا ت		
Nation- Line Port	Cargo	
Ship Port Po	re Long tons	
Santa Elena. 10 11 Amer. Grace Line. New York, N. Y. Valparaiso, Chile, Gen., a		
Firmore 10 11 Amer. Ore S. S. Corp. Baltimore, Md. Cruz Gr'de, Chile Ballast Sakito Maru ² . 10 11 Jap. Nippon Yusen Kaisya Baltimore, Md. Kobe, Japan (14)	7,150	
Kentucky 11 11 Amer. Isthmian S. S. Lines Mobile, Ala Scattle, Wash Gen., st Herman F. Whit- on. Texas-Gulf Sulph. Co. Galveston, Tex. Tacoma, Wash Sulphu	eel 7,597	
Myriam 1 11 11 Pan Petroleos Mexicanos . Houston, Tex Manzanillo, Mex. Crude of	il 9,593	
West Quechee. 11 11 Amer. Chile Nit. Sales Corp. Newp't News, Va. Valparaiso, Chile. Coal.	6,162 7,600	
Desoto 11 12 Amer. Waterman S. S. Corp. Jacksonville, Fla. Portland, Orcg. Genera	5,352	
Pereira 6 12 Pan Grace Line Cristobal, C. Z. Acamtla, Salv Genera		
Tokai Maru ² 11 12 Jap Osaka Syosen Kaisya Glasgiw, Scotland Moji, Japan Genera	8,284	
Tuira 2 9 11 Pan Elliot Ship, & Land Co. Cristobal, C. Z. Pto, Arm Ics, R. P. Genera	62	
Real 2 9 11 Pan. Elliot Ship, & Land Co. Cristobal, C. Z. Pedregal, R. P. Genera L-53 5 8 Amer. U. S. Army Cristobal, C. Z. Gatun, C. Z. Tow. b	30	
L-53 5 8 Amer. U. S. Army Cristobal, C. Z. Gatun, C. Z. Chaumont S 11 15 Amer. U. S. Navy Norfolk, Va S. Francisco, Cal. Genera	201	
Tuyama Maru 11 12 Jap Nippon Yusen Kaisya Trujillo, D. Rep. Niibam, Japan Genera President Polk 13 13 Amer AmerPresident Lines Bombay, India. Round the world. Genera	8,150 6,036	
Cranford 12 13 Amer. Chile Nit. Sales Corp. Wilmington, N.C. Chile Ballast		
Dona Aurora ² 13 14 P. I De La Rama S. S. Co. New York, N. Y. Manila, P. I. Genera K. I. Luckenbach. 13 14 Amer. Luckenbach Line Boston, Mass. Tacoma, Wash. Genera		
Notes 2 11 13 Neth Royal Neth S. S. Co Curação N. W. L. Guayaguil, Ecua, Gen., g	s oil. 953	
Oregonian 13 14 Amer. AmerHawaiian Line. Boston, Mass. Portland, Oreg Genera Colombia 2 11 14 Pan. Elliot Ship. & Land Co. Cristobal, C. Z. B'ventura, Col Genera Chango 2 13 Pan. Elliot Ship. & Land Co. Cristobal, C. Z. Balboa, C. Z. Balbas, C. Z	3,831 825	
Colombia ² 11 14 Pan Elliot Ship, & Land Co. Cristobal, C. Z. B ventura, Col Genera Cuango ² 13 Pan Elliot Ship, & Land Co. Cristobal, C. Z. Balboa, C. Z. Balbast Ebba ² 12 Pan H. Obarrio. Cristobal, C. Z. Balboa, C. Z. Balcoa, C.		
Ebba ² 12 Pan H. Obarrio Cristobal, C. Z Balboa, C. Z Ballast Colon ² 12 Pan H. Obarrio Cristobal, C. Z Balboa, C. Z Ballast		
Relief 4 12 14 Amer. M., Chapman & Scott New Orleans, La. High seas Ballast	ment 1,197	
Argual 12 14 Hond. United Fruit Co. New Orleans, La. Acajutla, Salv. Gen., et Barfonn ^{1 2} 13 Nor. Standard Oil of N. Y Aruba, N. W. L. Balboa, C. Z. Fuel oi		
Chilore 13 14 Amer Oro S. S. Corn Baltimore Md. Cruz Gride, Chile Ballast		
	-41 7 050	
Norfolk Maru 14 14 Jap. Kawasaki K. Kaisya Baltimore, Md. Kobe, Japan . Lub.oil Nathan ² 14 Pan E. J. Hooper Cristobal, C. Z. Gatun, C. Z. ¹⁵ Pirre ² 13 Pan Elliot Ship, & Land Co. Cristobal, C. Z. Balboa, C. Z. Ballast	steel 7,950 20	
Norloik Maru 14 14 Jap Kawasaki K. Kaisya Baltmore, Md. Robe, Japani Liub. Oin Nathan 2 14 Pan E. J. Hooper Cristobal, C. Z. Gatun, C. Z. 15 Pirre 2 13 Pan Elliot Ship. & Land Co. Cristobal, C. Z. Balboa, C. Z. B		
El Grillo 1		
Amerikaland 2 14 15 Swed. Ore S. S. Corp. Baltimore, Md Cruz Gr'de, Chile Ballast Black Gull. 15 15 Amer. Isthmian S. S. Lines. Baltimore, Md Seattle, Wash. Genera Adelfotis. 15 15 Greek Michael John Carras, Norfolk, Va. Chile Ballast	6,323	
Tela. 14 15 Hond. United Fruit Co. Mobile, Ala. Pto, Arm'les, R. P. Ballast Manto 2. 13 15 Neth. Royal Neth, S. S. Co. Cristobal, C. Z. B ventura, Col. Ballast Rio Gatun 5. 10 Amer. U. S. Army. Cristobal, C. Z. Gatun, C. Z. Tow. b	rge.	
Porto Bello 3 15 15 Pan A. Tagaropulos Cristobal, C. Z. Real, R. P Genera	1 3	
Nitro 10	3,329	
H. D. Collier 1 16 16 Amer. Standard Oil of Calif. Philadelphia, Pa. Los Angeles, Cal. Ballast		
Massmar 16 16 Amer Calmar Line Baltimore, Md. Seattle, Wash Steel, g Sandpiper 12 15 Amer. U. S. Navy Guant'o, Cuba. Balboa, C. Z. Ballast Winslow 5 11 Amer. U. S. Army Cristobal, C. Z. Gatun, C. Z. Tow. b		
Massmar. 16 16 Amer. Calmar Line Baltimore, Md. Seattle, Wash Steel, g Sandpiper 12 15 Amer. U. S. Navy. Guant'o, Cuba. Balboa, C. Z. Ballast Winslow 5 11 Amer. U. S. Army. Cristobal, C. Z. Gatun, C. Z. Tow. b Service, No. 2 5 Amer. U. S. Army. Cristobal, C. Z. Gatun, C. Z. Ballast Service, No. 2 5 Amer. U. S. Army. Cristobal, C. Z. Gatun, C. Z. Ballast	arge	
	5,210	
West Ira 15 17 Amer. McCormick S. S. Co. Buenos Aires, Arg. Seattle, Wash Genera	5,886	
Utacarbon 1. 16 17 Amer. Union Oil of Calif. Paulsboro, N. J. Los Angeles, Cal. Ballast Atlanta City. 16 17 Amer. Isthmian S. S. Lines. Baltımore, Md. Singapore, St. Set. Steel, g Mauna Kea. 16 17 Amer. Matson Nav. Co. New York, N. Y. Honolulu, T. H. Tinplat	en 8,163	
Utacarbon 1 16 17 Amer. Union Oil of Calif. Paulsboro, N. J. Los Angeles, Cal. Ballast Atlanta City. 16 17 Amer. Isthmian S. S. Lines Baltimore, Md Singapore, St. Set. Steel, g. Mauna Kea. 16 17 Amer. Matson Nav. Co. New York, N. Y. Honolulu, T. H. Tinplat Steel Voyager. 16 17 Amer. Isthmian S. S. Lines. Baltimore, Md. Seattle, Wash. Steel, G. S. Steel, W. S. Steel	e, gen 7,283 en 9,083	
	6.558	
Socrates 2 81 18 Neth Royal Neth, S. S. Co. Cristobal, C. Z. Talcahuano, Chile Genera	4,350	
Sona ² . 16 Pan. Elliot Ship. & Land Co. Cristobal, C. Z. Balboa, C. Z. Ballast Real ² . 16 Pan. Elliot Ship. & Land Co. Cristobal, C. Z. Balboa, C. Z. Ballast Fred, W. Weller ¹ 17 18 Amer. Standard Oil of N. J. Aruba, N. W. L. Tocopilla, Chile. Pet. pr	od 14,139	
Rangitata 4 . 17 19 Brit N. Z. Shipping Co London, England Alickland, N. Z. Ucenera	od 14,139 4,374	
Santa Ana 17 19 Amer. Grace Line New York, N. Y. SanAntonio, Chile Genera	2,378	
Westerpuille 17 18 Pan United Fruit Co. Boston, Mass. Golfito, C. R. Genera	2,900	
Nemours 2 12 18 Fr French Line Barranguilla Col B'ventura Col Genera	215	
Thornliebank. 18 19 Brit. Mersey Paper Co. Liverpool, N. S. Dunedin, N. Z. Newsp. L-53 5 11 Amer. U. S. Army Cristobal, C. Z. Gatun, C. Z. Ballast	int. 4,980	
Winslow 5 11 Amer. U.S. Army Cristobal, C. Z. Gatun, C. Z. Tow, b	arge.	
Chateau Thierry ⁸ 18 Amer. U. S. Army Brooklyn, N. Y. Balboa, C. Z Genera Everasma 19 20 Latv Chile Nit. Sales Corp. Norfolk, Va Valparaiso, Chile. Coal	5,853	

Tanker.
 Motor ship.
 Motor schooner.
 Taunch.
 Yacht.
 Transport.
 Mine sweeper.
 Auxiliary.
 Asbestos, lubricating oil.
 For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

					ciric Continued			
	rrived	leared	Nation-	Line	Pe	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Salvador Plato ² . Kota Radja ² Bradford City ² . Port Sydney. J. L. Luckenbach. Colombia ² . Manto ² . Lowan. Cuango ² . Alexandrine Eudovia. ³	9 19 19 19 18 20 18 19 20 20	20	Neth. Neth. Brit. Brit Amer. Pan. Neth. Amer. Pan.	Pacific Steam Nav. Co Royal Neth. S. S. Co. Fire Creek Coal Co. Reardon-Smith Line. Port Line, Ltd. Luckenbach Line Elliot Ship. & Land Co. Royal Neth. S. S. Co. AmerHawaiian Line. Elliot Ship. & Land Co. F. P. Triana	Cristobal, C. Z. Curacao, N. W. I. Newp't News, Va. London, England Liverpool, Eng. Boston, Mass. Cristobal, C. Z. Cristobal, C. Z. Boston, Mass. Cristobal, C. Z. Cristobal, C. Z.	Champ'ico, Guat. B'ventura, Col Valparaiso, Chile. Vancouver, B. C. New Zealand Seattle, Wash B'ventura, Col., Guayaquil, Ecua. Seattle, Wash Balboa, C. Z. B'ventura, Col	General. General. Coal Ballast General. (15) General. General. General. Ballast Ballast	438 178 8,500 7,040 10,440 890 213 4,590
Almirante 3 Winslow 5 Ivonetta 13 Santore Manley 9 Dido 2 Warrior Pirre 2 Sona 2 Iriona Leeds City Vidal Gormaz William Luckenbach.	20 19 20 21 13 21 20 20 21 22 21 22	21 23 22 21 21 22 22 22 22 22	Pan . Pan	Elliot Ship. & Land Co. U. S. Army. N. M. Wolfrey. Ore S. S. Corp. U. S. Navy. Royal Neth. S. S. Co. Waterman S. S. Corp. Elliot Ship. & Land Co. Elliot Ship. & Land Co. United Fruit Co. W. R. Smith & Sons. Chilean Government. Luckenbach Line.	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Baltimore, Md. Guant'o, Cuba. Cristobal, C. Z. Houston, Tex. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Baltimore, Md. Newport, Eng. Sampton, Eng. Boston, Mass.	Balboa, C. Z. Gatun, C. Z. Gatun, C. Z. Gatun, C. Z. Cruz Gr'de, Chile San Diego, Calif. Guayaquil, E-ua, Shanghai, China. Balboa, C. Z. Vancouver, B. C. Brit, Columbia Valparaiso, Chile. Seattle, Wash	Ballast Tow. barge. Ballast Ballast Ballast General. Cotton, zinc. Ballast Ballast Ballast Ballast Ballast General.	65
Kansai Maru ² Woodcock ¹¹ L-53 ⁵ Winslow ⁵ Peter Helms Bachaquero ¹ Brastagi ² California Kirsten B. Waiwera ² Cornish City Sofie Bakke ² La Paz ² Ruahine BonningtonCourt ² Heranger ² Acacia ¹⁴ Ebba ² Tuira ² Real ² Winslow ⁵ Surrey Bethore City of Delhi Hermion ² W. H. Berg ¹ Sambu ² Santa Clara Hoogh Silverdawn	23 23 23 23 23 24 24 24 24 24 23 25 25	24 24 25 25 25 25 25 25 26 27 26 26 26 26 26	Brit Nor Brit Brit Nor Amer Brit Nor Amer Amer Amer Nor Amer Nor Amer Nor Amer Nor Nor Amer Nor Nor Nor Nor Brit Nor Nor Amer Nor Nor Nor Brit Nor Nor Nor Nor Market Brit Nor Nor Market Nor Nor Brit Nor Nor Market Brit Nor Nor Nor Nor Brit Nor Brit Nor Nor Nor Nor Brit Nor Brit Nor Nor Nor Brit Nor Brit Nor Nor Nor Brit Nor B	Lago Shipping Co. Rotterdam Lloyd Bank Line, Ltd. Chile Nit. Sales Corp. Grace Line. Shaw, Savill & Albion W. R. Smith & Sons. Knut Knutsen Line Pacific Steam Nav. Co N. Z. Shipping Co. Ministry of Supply. Interocean S. S. Co U. S. Coast Guard H. Obarrio. Elliot Ship. & Land Co. Elliot Ship. & Land Co. U. S. Army Amer. & Australian. Ore S. S. Corp. Ellerman & Bucknall. Australian Wheat Bd. Sun Oil Co. Elliot Ship. & Land Co. Grace Line Kerr S. S. Co.	Boston, Mass. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Guant'o, Cuba. Norfolk, Va. S. Nicolas, N. W. I. Philadelphia, Pa. Galveston, Tex. Mobile, Ala Cristobal, C. Z. London, England S'ampton, Eng. Goth'burg, Swed. Liverpool, Eng. London, England antwerp, Belgium San Juan, P. R. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. London, England Baltimore, Md. Halifax, N. S CorneeBrook, Nfd Marcus Hook, Pa. Cristobal, C. Z. New York, N. Y. Copenhagen, Den.	Kobe, Japan. Balboa, C. Z. Gatun, C. Z. Gatun, C. Z. San Diego, Calif Seattle, Wash Balboa, C. Z. Neth E. Indies. N. Plym'th, N. Z. Chile. Acajutla, Salv. New Zealand. WilliamsHd, B.C Talcahuano, Chile Valparaiso, Chile. Vancouver, B. C. Los Angeles, Cal. Cape Mala, R. P. Balboa, C. Z. Balboa, C. Z. Pto, Arm'les, R. P. Cruz Gr'de, Chile Melbourne, Aust.	Steel, asb'tos Ballast Tow. barge. Tow. barge. Ballast Nitrate Drydocking. General. General. Ballast General. Ballast General. Ballast Ballast Ballast Ballast Ballast Ballast Ballast Ballast Ballast Ballast Ballast Ballast Ballast Ballast Ballast General. General. General. General. General. General. General. General. General. General. General. General.	4,900 10,627 8,250 647 1,887 6,144 4 4,393 7,869 5,107
Birmingham City, Missourian 2. Missourian 2. Dona Nati 2. Dona Nati 2. Donnie S. 5. Winslow 5. Vega 8. Nakomis 4. La Placentia 1. Lebore Kongo Maru 2. Crawford Ellis Oklahoman Connector. Colombia 2. Pereira. Cuango 2. Gen. Wm. M. Graham. 12.		26 26 27 27 27 28 29 29 29 28 27 27 27 27 27 27 27	Amer. Amer. Nor Amer.	Isthmian S. S. Lines. AmerHawaiian Line. Westfal, Larsen & Co. De La Rama S. S. Co. Jathmian S. S. Lines. AmerHawaiian Line. Chile Nit. Sales Corp. U. S. Army. U. S. Army. U. S. Army. U. S. Army. U. S. Navy. Editor S. S. Corp. Kokusai Kisen Kaisya United Fruit Co. Kerr S. S. Co. Can. Nat. Steamships Elliot Ship. & Land Co. Grace Line. Elliot Ship. & Land Co. U. S. Army.	Baltimore, Md. Boston, Mass. Goth'burg, Swed, Baltimore, Md. Brownsville, Tex. Boston, Mass. Mobile, Ala Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Chaleston, S. C. Curacao, N. W. I. Baltimore, Md. New York, N. Y. Cortes, Honduras Savannah, Ga Kingston, Jam. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Los Angeles, Cal. Hongkong, China S. Francisco, Cal. Los Angeles, Cal. Los Angeles, Cal. Hanila, P. I. Seattle, Wash Portland, Oreg. Chile. Gatun, C. Z. Gatun, C. Z. Bremerton, Wash. San Diego, Calif. Balboa, C. Z. Cruz Gr'de, Chile Tokuyama, Japan Golfito, C. R. Manila, P. I. Balboa, C. Z. B'ventura, Col. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z.	Steel, gen. General. Ballast. General. General. General. General. General. General. Ballast Tow. barge. General. Ballast General. Ballast General. Detrologum Ballast General. Orydocking General. Drydocking General. Ballast. Tow. barge.	8,367 4,729 5,351 7,928 5,077 3,360 11,249 8,016 545 3,431 730 935

Tanker. ² Motor ship. ³ Motor schooner. ⁴ Tug. ⁵ Launch. ⁸ Transport. ⁹ Destroyer. ¹¹ Mine sweeper. ¹² Mine planter. ¹³ Sloop. ¹⁴ Lighthouse tender. ¹⁵ Iron, steel, general. ¹⁶ Crude oil, cotton.

ATLANTIC TO PACIFIC-Continued

	rived	eared	Nation-	Line	Po	rt	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For	Nature	Long tons
J-62 5. Miraflores 5 Winslow 5. Nathan 2. Montevideo Maru. 2	25 25 26 26 26 28	29	Amer Amer Amer Pan Jap	U. S. Army U. S. Army U. S. Army E. J. Hooper Osaka Syosen Kaisha	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Montevideo, Uru.	Gatun, C. Z Gatun, C. Z Gatun, C. Z Gatun, C. Z Kobe, Japan	Tow. barge. Tow. barge. Tow. barge. (14) Gen., cotton.	20 4,577
Maru Waroonga Agwiworld ¹	27 28 28 25 27 27 27 27 26 29	28 28 28 28 30 28	Brit Amer Neth Amer Amer Pan Pan Amer Amer	Brit. India Stm. Nav. Chile S. S. Co. Calmar Line. Royal Neth. S. S. Co. U. S. Navy. McCormick S. S. Co. H. Obarrio. Elliot Ship. & Land Co. U. S. Army. Luckenbach Line	Philadelphia, Pa. Jacksonville, Fla. Baltimore, Md. Cristobal, C. Z. Guantan'o, Cuba Buenos Aires, Arg. Cristobal, C. Z. Cristobal, C. Z. New York, N. Y. Boston, Mass.	Adelaide, Aust'lia Chanaral, Chile Tacoma, Wash B'ventura, Col San Diego, Cal Seattle, Wash Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Tacoma, Wash	General. Fuel oil. Steel, gen General. Ballast Coffee, gen. Ballast Ballast Supplies General.	7,276 10,445 7,359 440 4,437 1,246 4,222
Kansan Star of Cairo. Chipana. Sona ² . Mussolini ² . Pendrecht ¹ ² . Sydney Star ² . Sydney Star ² . Vorkmar Notos ² . West Cobalt. Inspiration. Pennsylvanian. Enock ³ .	29 28 27 29 28 28 28 29 29 27 30 28 30 30	29 30 30 30 30 30 30 30 30 30 1 30	Amer Pan Pan Neth Nor Brit Amer Neth Amer Nic	AmerHawaiian Line. Chile Nit. Sales Corp. Graze Line Elliot Ship. & Land Co. H. Obarrio. Standard Oil of Calif. Westfal, Larsen & Co. Ministry of Shipping. Calmar Line Royal Neth. S. S. Co. Chile Nit. Sales Corp. Comp. Col. Cabotaje. AmerHawaiian Line. E. J. Hooper. Luckenbach-Gulf.	Baltimore, Md Liverpool, Eng Baltimore, Md Cristobal, C. Z. Cristobal, C. Z. Bilbao, Spain. Buenos Aires.Arg. London, England Baltimore, Md Cristobal, C. Z. Lake Charles, La. Barranquilla, Col Boston, Mass. Cristobal, C. Z. Houston, Tex	Seattle, Wash Tocopilla, Chile. Valparaiso, Chile. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Los Angeles, Cal. Seattle, Wash Auckland, N. Z. Seattle, Wash Guayaquil, Ecua. Chile. B'ventura, Col Seattle, Wash Gatun, C. Z. Tacoma, Wash	General. Ballast General. Ballast Ballast Ballast General. General. Steel, gen General. Steel, gen General. (14) General.	4,120 3,730 8,203 580 769 4,633 20 6,842
bach. S. B. Hunt ¹ . Esso Panama ¹ . Kimikawa Maru ² Tuscan Star ² . Svealand ² . President de	30 30 30 30 1	1 2 1 1 2 1	Amer Brit Jap Brit Swed Nor	Standard Oil of N. J. West India Oil Co Kawasaki K. Kaisha . British Govt. Control. Ore S. S. Corp Comp. des Prod. Chem. de Berre.	Aruba, N. W. I. Baytown, Tex Habana, Cuba. London, England Baltimore, Md La Plata, Arg	SanAntonio, Chile Corinto, Nic Osaka, Japan New Zealand Cruz Gr'de, Chile Talara, Peru	Fuel oil Pet. prod (15) Ballast Ballast Ballast	10,162 2,628 8,562
Vogue. ¹ ² Winslow ⁵ Fortuna ³ Pirre ² Real ² La Argentina ¹³ Orduna City of Newport News.	29 30 30 30 28 30 28	1 2 2 3	Brit	U. S. Army. U. S. Army. Elliot Ship, & Land Co. Elliot Ship, & Land Co. Elliot Ship, & Land Co. Argentine Govt. Pacific Steam Nav. Co Panama Pacific Line.	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cartagena, Col. Liverpool, Eng. New York, N. Y.	Gatun, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Pedregal, R. P. S. Francisco, Cal. Valparaiso, Chile. Penang, Str. Sett.	Tow. barge Ballast Ballast General Ballast General General	10
News, Manoa Winona Ellery W. Niles ¹¹ , Gen. Wm. M. Graham. ¹¹	1 30 30	3	Amer Amer Amer Amer	Matson Nav. Co Pac. Coast Direct Line. U. S. Army. U. S. Army	Portland, Me Norfolk, Va Cristobal, C. Z Cristobal, C. Z	Tacoma, Wash Los Angeles, Cal Balboa, C. Z Balboa, C. Z	Steel, general General Ballast Ballast	7,11
Larry Doheny 1. Santa Maria 2. Toei Maru 1. 2. Asosan Maru 2. West Ekonk. Kronprinse ssan	2 2 2 2 3 30	3 4 3 3 3 3	Amer Jap Jap Amer	Chile Steamship Co Grace Line Nitto Kogyo K. K'sya Mitsui & Co Chile Nit. Sales Corp. Johnson Line	Aruba, N. W. I New York, N. Y. Tuxpan, Mexico Baltimore, Md. Gulfport, Miss. Goth'bnrg, Swed.	Tocopilla, Chile SanAntonio, Chile Tokuyama, Jap Osaka, Japan Chile Valparaiso, Chie	Fuel oil General Crude oil Cot., mach Ballast	12,048 8,774
Durham ² Oregon ² Winslow ⁵ Overton ⁹ Acajutla. Paul Luckenbach San Clemente	3 4	4 4 4 4 4	Fr Amer Brit Amer Amer	N. Z. Shipping Co. French Line. U. S. Army U. S. Navy. Pacific Steam Nav. Co Luckenbach Line States S. S. Co. Chile Nit. Sales Corp.	Boston, Mass New York, N. Y.	Bluff, N. Z	General. Iron, chem Ballast Ballast General. General. General.	504 5,823 5,443
Tolosa Colombia ² Wyvern West Gambo. Cuango ² Mussolini ² American Legion ⁸ W. S. Rheem ¹	4 2 3 4 4 3 4 3	5 5 5 5	Nor	Chile Nit, Sales Corp. Elliot Ship, & Land Co. States Marine Corp. Chile Nit, Sales Corp. Elliot Ship, & Land Co. H. Obarrio. U. S. Army. Arrow Oil Co.	Newp't News, Va. Cristobal, C. Z Tampico, Mexico Wilmington, N. C. Cristobal, C. Z. Cristobal, C. Z. Brooklyn, N. Y. Curacao, N. W. I. Bombay, India	Iquique, Chile B'ventura, Col Kobe, Japan Chile Balboa, C. Z Balboa, C. Z Balboa, C. Z Los Angeles, Cal.	Coal. General. General. Ballast Ballast Ballast General. Ballast	2,914 919 5,133

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ⁸ Transport. ⁹ Destroyer. ¹¹ Mineplanter. ¹² Cruiser. ¹³ Training ship. ¹⁴ For bananas and return to Cristobal. ¹⁵ Cotton, lubricating oil, etc. ¹⁶ Cement, pulp, general.

ATLANTIC TO PACIFIC-Continued

Ship	Date arrived	Date cleared	Nation-	Line	Po	ort	Cargo	
omb	Date	Date	anty	(Charterer or operator)	From-	For—	Nature	Long tons
Rita ¹ Pereira El Capitan El Aleto ¹ ²	5 2 5 5	6 5 5	Neth Pan Amer Brit	Cur. Scheepv. My Grace Line Shepard S. S. Co C. T. Bowring & Co Pacific Steam Nav. Co	Curaeao, N. W. I. Cristobal, C. Z. New York, N. Y. Ellesmere, Eng.	Balboa, C. Z. Corinto, Nie. S. Francisco, Cal. Cabo Bl'eo, Peru.	Fuel oil General. General. Ballast	3,901 515 2,023
Loriga 2. Steelore Manto 2. Leme 2. Ebba 2. Sona 2.	5 2 3	5 6 6	Amer Neth	Pacific Steam Nav. Co Ore S. S. Corp. Royal Neth. S. S. Co. Italia Line	Liverpool, Eng Baltimore, Md Cristobal, C. Z	Taleahuano, Chile Cruz Gr'de, Chile Guayaguil, Eena.	General. Ballast General. General.	333 4,055
Ebba ² Sona ² . Sturtevant ⁹ . McCormiek ⁹	4 4 13 13		Pan Pan Amer	H. Obarrio Elliot Ship. & Land Co. U. S. Navy U. S. Navy	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Vancouver, B. C. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z.	Ballast Ballast Ballast Ballast	
Panama Express ² Baja California Edwin B. de Golia ¹ Virginian	29 5 5 5	6 6 6	Nor. Hond Amer	Fruit Express Line United Fruit Co Marintine Oil Co AmerHawaiian Line.	Goth'burg, Swed. New Orleans, La. Texas City, Tex. Boston, Mass.	North Pacific Quepos, C. R. Los Angeles, Cal. Portland, Oreg.	Ballast	2,059 4,212 5,828
Frederick Lykes Nishmaha	4 5 6 26	6 6 6 7	Neth Amer Amer Neth	Royal Neth. S. S. Co. AmerGulf Orient Chile Nit. Sales Corp. Royal Neth. S. S. Co.	Cristobal, C. Z. New Orleans, La. Charleston, S. C. Cristobal, C. Z. Cristobal, C. Z.	B'ventura, Col. Manila, P. I. Chilean port. West coast S. A	General (14) Ballast General	485 9,677 4,000
Ceres L-53 ⁵ Vermar Blaek Heron Paeifie Enterprise ²	24 6 6	777	Amer. Amer. Amer. Brit	U. S. Army Calmar Line Isthmian S. S. Lines. Furness, Withy & Co.	Mobile, Ala Manehester, Eng.	Gatun, C. Z. Taeoma, Wash. Hilo, T. H Vaneouver, B. C.	Gen., steel General	6,519 7,195 2,296
Hoperidge ² . W. R. Keever Kanangoora ² . Marore	777777	8 8 8	Amer Swed Amer	Texas Gulf Sulphur. Transatlantie Co Ore S. S. Corp.	Plymouth, Eng. Galveston, Tex Baltimore, Md. Baltimore, Md.	Vaneouver, B. C. Taeoma, Wash Vaneouver, B. C. Cruz Gr'de, Chile	Ballast Ballast Ballast	7,875
Tuscaloosa City Pennsylvania Sun. 1 2 Fluor Spar	8	8 8	Amer.	Isthmian S. S. Lines Sun Oil Co Isthmian S. S. Lines	Pt. St. Joe, Fla Chester, Pa	Seattle, Wash Los Angeles, Cal. Hilo, T. H.	Steel, gen Ballast General.	8,665 4,292
Loch Don. Potter ² . Weltevreden ² . Fortuna ³ . Real ² . Miraflores ⁵ .	8 7 8 7	9 9	Brit Amer Neth Pan Pan	British Government United States Lines Mitsubishi Shoji K. Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Hull, England Philadelphia, Pa Pt. Tampa, Fla. Cristobal, C. Z.	Vaneouver, B. C. Adelaide, Aust. Kobe, Japan Balboa, C. Z.	Ballast Naphtha,gen Phos. rock Ballast Ballast	10,021
Miraflores 5. Pirre 2. Wyoming. West Cactus.	3788	9	Amer Pan	U. S. Army Elliot Ship. & Land Co. French Line McCormiek S. S. Co.	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Havre, France.	Balboa, C. Z. Balboa, C. Z. Gatun, C. Z. Balboa, C. Z. Vaneouver, B. C. Seattle, Wash	Tow. barge Ballast General	229 7,104
SundaneeEdwin Christenson.	9 9	9 9 10	Amer	Matson Nav. Co. Chile Nit. Sales Corp. Sudden & Christenson	Havre, France New York, N. Y. Baltimore, Md Norfolk, Va Baltimore, Md	Honolulu, T. H. Chile Seattle, Wash	General Ballast General	4,516 8,351
Fjordheim. Tuira ² . Santa Lueia. Hoperange ² Sea Wolf ⁷ .	9 7 9	10 10 10 10	Amer Brit	Chile Nit, Sales Corp. Elliot Ship, & Land Co. Graee Line. Ministry of Shipping.	Norfolk, Va. Cristobal, C. Z. New York, N. Y. London, England	Valparaiso, Chile. Pto. Arm'les, R.P. San Antonio, Chile Vancouver, B. C.	Coal General General Ballast	6,034 60 3,267
City of Adelaide.	8 10 10 10	10 11	Amer Amer Brit Pan	AmerHawaiian Line. Ellerman & Bucknall Elliot Ship. & Land Co.	U. S. port. Boston, Mass. St. John, N. B. Cristobal, C. Z.	Vancouver, B. C. Balboa, C. Z. Seattle, Wash Hongkong, China Balboa, C. Z	General Steel, gen Ballast	4,486 9,071
Sambu ² . Winslow ⁵ . L-53 ⁵ .	6 6	10	Pan Amer Amer	Elliot Ship. & Land Co. U. S. Army U. S. Army	St. John, N. B. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Pedregal, R. P. Gatun, C. Z. Gatun, C. Z.	Ballast	40
				PACIFIC TO	ATLANTIC		1	1
San Antonio Marore Cachapoal Vibran ² Colombia ² Shekatika West Cobalt	7 11 10 11 11 11 11	15 11 12 13 12 12	Fr. Amer. Chile. Nor. Pan. Brit. Amer.	French Line. Ore S. S. Corp. Cia. S. A. de Vapores Knutsen Line. Elliot Ship. & Land Co. Ministry of Supply. Chile. Vit. Sales Corp.	Vaneouver, B. C. Cruz Gr'de, Chile Valparaiso, Chile. Valparaiso, Chile. B'ventura, Col Pt. Alberni, B. C.	Havre, France Baltimore, Md. New York, N. Y. Marseille, France Cristobal, C. Z. S'ampton, Eng. Lake Charles, La. Cristobal, C. Z.	General Iron ore Nitrate Fresh fruit. Coffee Wheat, lum. Nitrate	6,387 22,500 2,928 1,500 978 8,600 7,917
W. S Rheem 1 Akaroa Theofano Livanos	12 11 11 12 12	12 12 12 12	Amer. Amer. Brit Greek. Amer.	Ministry of Supply Chile Nit. Sales Corp. U. S. Navy Standard Oil of Calif Shaw, Savill & Albion Chile Nit. Sales Corp. U. S. Navy	Toeopilla, Chile. Balboa, C. Z S. Franciseo, Cal. Auekland, N. Z. Ant'fagasta, Chile Balboa, C. Z	United Kingdom. Alexandria, Egypt Cristobal, C. Z	Asphalt Frozen, gen Nitrate	15,232 6,969 8,363
S-153 7. Arosa ² . Ebba ² . Mount Myrto. L-55 ⁵ .	12 12 12 12		Nor Pan Greek. Amer	Warner Parnes & Co H. Obarrio B. Rothebild & Co U. S. Army	Sto. Nino, P. I. Darien, R. P. Masinloe, P. I. Balboa, C. Z.	Baltimore, Md Cristobal, C. Z Baltimore, Md Cristobal, C. Z	Sugar. Bananas. Chrome ore. Tow. pontoon	

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ⁷ Submarine. ⁹ Destroyer. ¹⁴ Rosin, steel, general.

PACIFIC TO ATLANTIC—Continued

	rrived	eared	Nation-	Line	Po	Cargo		
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long
Porto Bello 2 Colon 2 Norfolk	11 12 11 12	12 13 13	Pan Pan Brit Rum	A. Tagaropulos H. Obarrio Federal Steam Nav.Co S. Galban Lobo	Darien, R. P. Darien, R. P. P. Chalmers, N. Z. P. Chieama, Peru	Cristobal, C. Z. Cristobal, C. Z. United Kingdom.	Bananas Frozen, gen . Sugar	12 40 8,958 6,226
Moldova S-158 ⁷ . Star of Suez S-156 ⁷ .	13 12 13	13	Amer.	U. S. Navy. Chile Nit, Sales Corp. U. S. Navy	Balboa, C. Z Ant'fagasta, Chile	Marseille, France Cristobal, C. Z Alexandria, Egypt Cristobal, C. Z	Nitrate	7,450
S-157 7 Port Wyndham 2	13 13 13	13	Amer Amer Brit	U. S. Navy Port Line	Balboa, C. Z. Portland, Oreg. Balboa, C. Z. Pt. Pirie, Aust'lia	Cristobal, C. Z. Irvington, N. Y. Cristobal, C. Z. United Kingdom.	Lumber Frozen, gen .	8,426
Manto ² Sturtevant ⁹ McCormiek ⁹	12 13 13	15	Amer	Royal Neth. S. S. Co. U. S. Navy U. S. Navy	Guayaquil, Ecua. Balboa, C. Z Balboa, C. Z Seattle, Wash	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	(15)	535
Margaret John- son. ² Bainbridge ⁹ Alabaman	13 13 13	13	Amer	U. S. Navy	Balboa, C. Z Portland, Oreg	Goth'burg, Swed. Cristobal, C. Z. Boston, Mass.	General Gen., lumber	6,425 7,851
Pirre ² Dido ²	13 13 14	14	Pan Neth Hond	Elliot Ship, & Land Co. Royal Neth, S. S. Co. United Fruit Co	Darien, R. P. Tumaco, Colom. Amapala, Hond.	Cristobal, C. Z. Cristobal, C. Z. Mobile, Ala	Bananas General Coffee gen	40 528 1,241
Horaee Lucken- bach.	14 14	14 14	Amer.	Isthmian S. S. Lines. Luckenbach Line	Seattle, Wash	Baltimore, Md Boston, Mass	General	8,295 8,773
Salawati	14 14 14	14 14 14	Amer	Silver-Java-Pac, Line, Kellogg S. S. Corp AmerHawaiian Line.	Vancouver, B. C. Manila, P. I. Seattle, Wash	Beira, Africa New York, N. Y. Baltimore, Md Gatun, C. Z 17	Coconut oil . Lumber, gen.	5,295 6,700 6,558
Ann ⁵ . Svealand ² . Kailua. Swiftpool.	14 14 15 14	15 15 15	Amer Swed Amer Brit	J. L. King Ore S. S. Corp. Matson Nav. Co. Ministry of Supply	Miraflores, C. Z. Cruz Gr'de, Chile Hilo, T. H Victoria, B. C	Baltimore, Md Baltimore, Md United Kingdom.	Ballast Iron ore (18) (19)	22,300 5,907 8,335
Nicolaou Virginia. Thalia West Gambo	15 15 15		Greek.	British Government.	Toeopilla, Chile Pt. Alberni, B. C.	Alexandria, Egypt	Nitrate	9,615 7,725 8,111
Cuango ² Sona ² Real ²	16 16 16	16 17 17	Pan Pan Pan	Chile Nit. Sales Corp. Elliot Ship. & Land Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P	Wilmington, N.C. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Bananas Bananas	53 33 33
Republic 8 Capae Eugenie S. Em- birieos.	16 16 16	18 17 17	Amer. Amer. Greek	U. S. Army Grace Line Chile Nit. Sales Corp.	Honolulu, T. H. Ant'fagasta, Chile Iquique, Chile	Cristobal, C. Z. New York, N. Y. New York, N. Y. Naples, Italy	General (21) Nitrate	721 7,896 7,770
Sandpiper 4 Santa Maria 2	17 17 17	18 17	Amer Amer	U. S. Navy Grace Line McCormiek S. S. Co.	Balboa, C. Z. SanAntonio, Chile S. Francisco, Cal.	Cristobal, C. Z New York, N. Y. New York, N. Y.	General. Lumber.	5,390 7,915
Absaroka. West Ekonk. A. M. Baxter. Steelore.	17 17 18	18 18 18	Amer.	Chile Nit, Sales Corp. Puget Sd, Asso. Mills. Ore S. S. Corp.	S. Francisco, Cal. Tocopilla, Chile. Olympia, Wash. Cruz Gr'de, Chile	Irvington, N. Y. Baltimore, Md.	Nitrate Lumber Iron ore	$\begin{bmatrix} 7,943 \\ 3,000 \end{bmatrix}$
Nankai Maru ² Colombia ² Stanley A. Grif-	17 18 18	19 20 19	Jap Pan Amer	Osaka Syosen Kaisya Elliot Ship, &LandCo. Canadian Gulf Line	Dairen, China B'ventura, Col Powell Riv., B. C.	London, England Cristobal, C. Z. Houston, Tex	Coffee, gen	21,800 6,735 961 3,038
fiths. Steel Seafarer Odyssey ^{2 6} Californian ²	18 18 19	19 19 19	Amer Amer	Isthmian S. S. Lines. Barbara W. Henry. AmerHawaiian Line.	Portland, Oreg Pto. Arm'les, R. P. Seattle, Wash	Baltimore, Md Miami, Fla Boston, Mass	Ballast General	7,882 9,916
Grayburn	18 19 19	23 19 21	Nor Brit Neth	Cross Line	Tumana Calam	Cristobal C Z	Lumber, gen. (25) (26)	842 11,375 553
Draco ² . Kalani Manto ² . Iberville Kaimoku	19 19 18 19	19 20 19 19	Amer Neth Amer	Ministry of Supply Royal Neth. S. S. Co. Matson Nav. Co. M. V. W. I. Seheepv C. H. Spreekles.	Vancouver, B. C. Guayaquil, Ecua. Pt. Allen, T. H B'ventura, Col Manila, P. I	Baltimore, Md Cristobal, C. Z Brooklyn, N. Y	(22) (27) Sugar	7,616 401 8,100
Hegira Margrethe Bakke ²	19 19 19	20 19 20		Matson Nav. Co French Line Weyerhaeuser S.S. Co. Knutsen Line	Vancouver, B. C. Everett, Wash Corral, Chile	New Orleans, La. Havre, France Philadelphia, Pa. Oslo, Norway	General Lumber General	6,751 6,175 10,061 7,140
Woodeock 4 Porto Bello 2 Contic 2	19 19 19	22 19 20	Amer Pan Brit	U. S. Navy. A. Tagaropulos. Shaw, Savill & Albion Chile Nit, Sales Corp.	Darien, R. P	Oslo, Norway Cristobal, C. Z Cristobal, C. Z United Kingdom.	(14) General	12 8,358
Nishmaha Yamazuki Maru ²	19 19 20 20	20 21 21 20	Amer Jap	Yamashita K. Kaisya	Kobe, Japan	Baltimore, Md Charleston, S. C. Buenos Aires, Arg.	Nitrate Nitrate Silk, gen	8,846
Mexican Salvage King ¹³ . Point San Pedro Pirre ² .	19 20 20 20	20 21 20 21	Amer Brit Amer Pan	AmerHawaiian Line. Paeifie Salvage Co McCormiek S. S. Co. Elliot Ship, & Land Co.	Victoria, B. C Seattle, Wash	Boston, Mass United Kingdom. Mayaguez, P. R. Cristobal, C. Z	Lumber, gen. Bananas	3,595
Sona ² Ida Bakke ²	20 19	21 22	Pan Nor	Elliot Ship, & Land Co. Knutsen Line		Cristobal, C. Z Cristobal, C. Z Liverpool, Eng	Bananas General	7,223

¹ Tanker, ² Motor ship, ⁴ Tug, ⁵ Launeh, ⁶ Yacht, ⁷ Submarine, ⁸ Transport, ⁹ Destroyer, ¹³ Salvage ship, ¹⁴ Plantains, lumber, ¹⁵ Coffee, wood, nuts, ¹⁶ Oil products, general, ¹⁷ And return to Miraflores, ¹⁸ Sugar, eanned pineapples, canee, ¹⁹ Grain, metal, lumber, ²⁰ Lumber, zine, lead, ²¹ Copper bars, blisters, wool, ²² Canned goods, general, ²³ Newsprint and shingles, ²⁴ Lumber, ore, general, ²⁵ Metal, lumber, grain, ²⁶ Rice, eoffee, hides, ²⁷ Coffee, empty bottles, hides. ²⁸ Canee, sugar, general.

PACIFIC TO ATLANTIC-Continued

				PACIFIC TO ATLA	NTIC-Continued			
	rrived	cleared	Nation-	Line	Po	rt	Cargo	
Ship	Date arrived	Date cl	ality	(Charterer or operator)	From—	For—	Nature	Long tons
El Mirlo ¹ ² Nyholt ¹ ²	21 20	21 22	Brit Nor	C. T. Bowring & Co Christian Haaland	Cabo Bl'co, Peru Los Angeles, Cal.	Halifax, N. S. Curacao, N. W. I.	(16) Kerosene	11,451 12,269
Coast Banker Toei Maru ¹ ²	$\frac{21}{21}$	21 23	Amer	Coastwise Line Union Oil of Calif	Tacoma, Wash Los Angeles, Cal.	New York, N. Y.	Diesel oil	12,269 3,975 12,307
Chateau Thierry 8 Edward Lucken- bach.	19 21	22 21	Jap Amer Amer	U. S. Army Luckenbach-Gulf Co.	Balboa, C. Z Portland, Oreg	Curacao, N. W. I. New York, N. Y. Cristobal, C. Z. New York, N. Y. Mobile, Ala	General Lumber, gen.	9,944
Nightingale	22 22	22 23	Amer Nor	Grace Line De La Rama S. S. Co.	SanAntonio, Chile	New York, N. Y.	Copper	8,641 7,737
Sorholt ² Ebba ² Almirante ²	23	24	Pan	Elliot Ship. & Land Co.	Hongkong, China Darien, R. P Darien, R. P	Baltimore, Md Cristobal, C. Z Cristobal, C. Z New York, N. Y. Cristobal, C. Z	Bananas	43
Santa Lucia	23 22	24 23	Pan	Elliot Ship. & Land Co. Grace Line	SanAntonio, Chile	New York, N. Y.	Bananas General	45 5,573
Cuango 2	23 23	23 24	Pan	Elliot Ship, & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	50
El Grillo ¹ Brand ²	23	23	Brit Nor	C. T. Bowring & Co. Furness, Withy & Co. Kokusai Kisen Kaisya	La Libertad, Ecu. Geelong, Aust'lia.	United Kingdom. Halifax, N. S.	Crude oil Wheat	9,820 7,550
Andrea F. Luck- bach.	23 23	24 24	Jap Amer	Kokusai Kisen Kaisya Luckenbach Line	Manila, P. I Seattle, Wash	New York, N. Y. Boston, Mass	Sugar, gen General	8,171
Real ²	23 23	24 25	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z.	Bananas	38 45
Tuira ²	23	24	Pan,	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z Cristobal, C. Z	Bananas	58
Ivaran 2	23 16	24 25	Nor	De La Rama S. S. Co. InternationalThaiRice	Hongkong, China Bangkok, Siam	Baltimore, Md La Guayra, Ven.	General	7,652 2,400
Rita 2 Pennsylvania Sun. 1 2	23	24 25	Amer.	Sun Oil Co	Los Angeles, Cal.	Chester, Pa	Gasoline	17,493 5,449
Imperial ² Alaskan	24	24	Chile Amer	Sud Amer. de Vapores AmerHawaiian Line.	Valparaiso, Chile. Portland, Oreg.	New York, N. Y. Boston, Mass Boston, Mass	General	6,377
Georgian	24 24	24 25	Amer Brit	AmerHawaiian Line. Blue Star Line	Seattle, Wash Auckland, N. Z	Boston, Mass United Kingdom.	General	8,637 6,621
Steelmaker	24	24	Amer.	Isthmian S. S. Lines.	Seattle, Wash Balboa, C. Z	Baltimore, Md Cristobal, C. Z.	Frozen, gen.	8,949
L-53 5 Kent	24 24	26	Amer Brit	U. S. Army FederalSteamNav.Co.	Balboa, C. Z Dunedin, N. Z	Cristobal, C. Z. United Kingdom.	Tow. barge Frozen, gen	5,899
Kent Acajutla Rajputana ¹³	24		Brit	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, wood	691
Kajputana 18 Kate	25 24	25 25	Brit Greek.	British Government. Chile Nit. Sales Corp.	Valparaiso, Chile Antof gasta, Chile	High seas Alexandria, Egypt	Nitrate	7,160
KateColombia 2	25	27	Pan	Elliot Ship. & Land Co. M. A. N. Z. Line Grace Line Chile Nit. Sales Corp.	B'ventura, Col Napier, N. Z	Cristobal C Z	Coffee	1,187 7,796
Port Saint John ² . Pereira	24 25	$\frac{25}{27}$	Brit Pan	Grace Line	Acajutla, Salv	Dunkerque, Fr Cristobal, C. Z New York, N. Y.	Wool, gen General	681
Pereira Minerva ² Brittany ²	24 24	25 28	Nor Brit	Chile Nit. Sales Corp. Royal Mail Lines	Pt. Alberni, B. C. Vancouver, B. C.	New York, N. Y. United Kingdom.	Lumber General.	8,367 6,666
Brittany 2 Marymar	25	25	Amer	Calmar Line	Seattle, Wash	Baltimore, Md Cristobal, C. Z	Pulp, lumber	8.626
Plato ²	25 25	28 25	Neth Amer	Calmar Line Royal Neth. S. S. Co. AmerHawaiian Line.	B'ventura, Col Portland, Oreg	Cristobal, C. Z	Coffee, gen. Lumber, gen.	325
Ceres	25		Neth	Roval Neth, S. S. Co.	Talcahuano, Chile	Baltimore, Md Cristobal, C. Z	General	3,254
Scottish Star	26 26	27 26	Brit	Shaw, Savill & Albion Blue Star Line	Sydney, Aust'lia. Vancouver, B. C.	United Kingdom. United Kingdom.	General Refg., gen	8,063 7,084
Acacia 14	26 26	27	Amer	U. S. Coast Guard .	Cape Mala, R. P.	High cone	0	8,200
Endicott	26	26 28	Amer	Lykes Bros, S. S. Co. Kawasaki K. Kaisya	Iloilo, P. I Kobe, Japan	New York, N. Y.	Sugar	4,219
J. Fred Talbott 9.	27 27	27	Amer.	U. S. Navy Shepard S. S. Co.	Balboa, C. Z Tacoma, Wash	Cristobal, C. Z.	(21)	7,597
Maipo 1	25 27	27	Amer Chile	Chilean Navy United Fruit Co	Valparaiso, Chile.	Philadelphia, Pa. New York, N. Y. Cristobal, C. Z. New York, N. Y. Baltimore, Md.	Ballast	
Argual Ebba ²	27	28 28	Hond Pan	United Fruit Co	Acajutla, Salv Darien, R. P	New Orleans, La. Cristobal, C. Z. Cristobal, C. Z.	Bananas	862 54
Maipo ¹ . Argual Ebba ² . Notos ² . Huntingdon ²	27	30	Neth	Elliot Ship. & Land Co. Royal Neth. S. S. Co.	Guayaguil, Ecua.	Cristobal, C. Z.	General	1,169
Huntingdon 2 Sona 2	27 27	28 29	Brit Pan	N. Z. Shipping Co Elliot Ship. & Land Co.	Fremantle, Aust. Darien, R. P	United Kingdom. Cristobal, C. Z.	Frozen, gen. Bananas	11,141
Sona ² . Tuira ² . Tarp ²	27	28	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z Cristobal, C. Z	Bananas	55
Flomar	27 27	28 28	Nor	Barber-Wilhelmsen Calmar Line	Cebu, P. 1 Newport, Oreg	Boston, Mass New York, N. Y.	General Lumber Lum., oil, ore	7,507
Pennsylvania Lewis Luckenbach	27 28	28	Amer	Weyerhaeuser S.S. Co. Chile Nit. Sales Corp.	S. Francisco, Cal. Tocopilla, Chile.	Chester, Pa Alexandria, Egypt	Lum., oil, ore Nitrate	7,112
Dorothy Lucken- bach.	28	28	Amer	Luckenbach Line	Seattle, Wash	Boston, Mass	Lumber, gen.	9,365
Mount Hymettus. Duddy 5	27	29	Greek .	Chile Nit. Sales Corp. D. P. White	Tocopilla, Chile. Balboa, C. Z	Azores ²³	Nitrate Ballast	8,500
Evantuia	28 28		Greek.	Chile Nit. Sales Corp.	Balboa, C. Z Tocopilla, Chile.	Santander, Spain.	Nitrate	9,274
Oropesa Silverwillow ²	28	29	Brit	Pacific Steam Nav. Co Kerr S. S. Co	Los Angeles, Cal.	United Kingdom. Beira, Africa United Kingdom.		990 8
King Arthur 2 La Estancia 2	29 29	29 29	Brit	Ministry of Supply Ministry of Supply	Vancouver, B. C.	United Kingdom.	(25)	8,300
Tosan Maru 2	29	30	Jap	Osaka Syosen Kaisya Chile Nit. Sales Corp.	Vancouver, B. C. Penang, St. Sett	United Kingdom. Baltimore, Md	Silk, gen	4,411
Moscha L. Gou- landris.	29	29	Greek.			Alexandria, Egypt	Nitrate	1,172
Kohala Buenos Aires Maru	29 229			Matson Nav. Co Osaka Syosen Kaisya	Los Angeles, Cal. Kobe, Japan	Philadelphia, Pa. Buenos Aires, Arg.		$\begin{vmatrix} 7,118 \\ 3,281 \end{vmatrix}$
1 Tanker 2	Mo			Launch 8 Transport		13 Naval unit	14 Lighthouse	tender

Tanker.
 Motor ship.
 Launch.
 Transport.
 Destroyer.
 Naval unit.
 Lighthouse tender.
 Crude oil, gasoline.
 Lumber, paper, copper.
 Sugar, ore, general.
 Lumber, ore, general.
 Silk, tea, general.
 Tor orders.
 Cotton, tin, general.
 Wheat, lead, lumber.
 Cotton goods, general.

PACIFIC TO ATLANTIC—Continued

	PACIFIC TO ATLANTIC—Continued										
	rrived	leared	Nation-	Line	Po	ort	Cargo				
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons			
Brandanger ² Gen. Wm. M. Graham. ¹¹ Ellery W. Niles.	29 30	30	Nor Amer	Interocean S. S. Corp. U. S. Army	Seattle, Wash Balboa, C. Z	Antwerp, Belgium Cristobal, C. Z.	General	7,638			
Ellery W. Niles Cuango ² Fortuna ² Bachaquero ¹	30 30 30 23	30 1 30	Amer Pan Pan Brit	U. S. Army Elliot Ship. & Land Co. Elliot Ship. & Land Co. Lago Shipping Co.	Balboa, C. Z Darien, R. P Darien, R. P Balboa, C. Z	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Aruba, N. W. I Cristobal, C. Z Cristobal, C. Z New York, N. Y. United Kingdom.	Bananas Bananas Ballast	50 90			
Real ² . Pirre ² . City of Baltimore.	30 30 30	1 1 2	Pan	Elliot Ship, & Land Co. Elliot Ship, & Land Co. Panama-Pacific Line.	Darien, R. P. Darien, R. P. S. Francisco, Cal.	Cristobal, C. Z Cristobal, C. Z	Bananas	28 40 6,842			
Sinnington Court. West Kyska Felix Taussig	30 1	1 1 2	Amer Brit Amer	Arrow Line	Victoria, B. C Warrenton, Oreg. Tocopilla, Chile.	United Kingdom. Baltimore, Md Savannah, Ga	Lumber	10,400 7,800 9,150			
Pacific Exporter ² . Santa Barbara ² .	1 1 1	1	Amer Brit Amer	Chile Nit. Sales Corp. Furness, Withy & Co. Grace Line	Vancouver, B. C. SanAntonio, Chile	New York, N. Y.	Nitrate General General	8,934 5,371			
Lena Luckenbach. Trontolite 1 2 Pacific Ranger 2	21 1	1 2 2	Amer Brit Brit	Luckenbach-Gulf Co. Imperial Oil Co Ministry of Food Ministry of Food	S. Francisco, Cal. Talara, Peru Vancouver, B. C. B'ventura, Col	Tampa, Fla Montreal, Canada London, England	General General	8,112 7,587 8,709			
Colombia ²	1 1 1	4 2 5 2	Pan Amer Neth Amer	ElliotShip.&LandCo. Matson Nav. Co Royal Neth. S.S. Co. AmerHawaiian Line.	S. Francisco, Cal. Guayaquil, Ecua. Seattle, Wash	Cristobal, C. Z New York, N. Y. Cristobal, C. Z	Coffee, gen Sugar Wood, coffee General	1,063 9,300 473 6,653			
Dakotan Nemours ² Ludington ⁸ West Camargo	1 29	3	Fr Amer	French Line U. S. Army McCormick S. S. Co.	Guayaquil, Ecua. Balboa, C. Z Seattle, Wash	Boston, Mass Cristobal, C. Z. New York, N. Y. New York, N. Y. Camden, N. J.	General. General. Gen., lum.	536 1 7,087			
El Cedro	1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 5	Amer. Brit	Puget Sd. Asso. Mills. Ministry of Food. Grace Line.	Olympia, Wash Victoria, B. C B'ventura, Col	Camden, N. J. United Kingdom. Cristobal, C. Z.	Lumber (16) Coffee, gen	2,881 9,140 465			
Firmore Kalypso Vergotti. Dallas City ²	2 2 2	3	Amer Greek. Brit	Ore S. S. Corp. Ministry of Supply. W. R. Smith & Sons	Cruz Gr'de, Chile N. Westm'er, B.C.	Baltimore, Md England United Kingdom.	Iron ore Lumber, iron Wheat, lum	11,850			
Maravi	2 2 2	3 3	Amer Pan Amer	Dutton Lumber Corp. United Fruit Co. Luckenbach Line	Vancouver, B. C. Pt. Gamble, Wash Pto.Arm'les, R.P. Los Angeles, Cal.	Po'keepsie, N.Y.	Lumber Ballast Gen., lum	5,240 8,359			
California Star ² . Mussolini ² Connector	$\begin{bmatrix} 3 \\ 3 \\ 27 \end{bmatrix}$	4 4	Brit	Blue Star Line H. Obarrio Can. Nat. S. S. Co	Victoria, B. C Darien, R. P Balboa, C. Z	New York, N. Y. Liverpool, Eng. Cristobal, C. Z. Kingston, Jam.	Frozen, gen. Bananas Ballast	8,213			
Carolinian Waipo Erie ¹³ Ebba ²	3 4	3	Amer	AmerHawaiian Line. Matson Nav. Co. U. S. Navy.	Portland, Oreg Hilo, T. H Balboa, C. Z	Boston, Mass New York, N. Y. Cristobal, C. Z Cristobal, C. Z	General (17)	7,744 7,867			
Mabile City	4 4 3	5 4 4	Amer.	Elliot Ship. & Land Co. Ore S. S. Corp. Isthmian S. S. Lines.	Hilo, T. H. Balboa, C. Z. Darien, R. P. Cruz Gr'de, Chile Manila, P. I.	Cristobal, C. Z. Baltimore, Md Baltimore, Md Cristobal, C. Z. Cristobal, C. Z.	Bananas Iron ore (18) Coffee, hides	21,700			
Plato ²	4	5	Neth Pan	Isthmian S. S. Lines. Royal Neth. S. S. Co. Royal Neth. S. S. Co. Elliot Ship. & Land Co.	Guayaquil, Ecua. Darien, R. P	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	General Bananas	278 268			
Oakmar Michael Livanos.	4 4	5 5	Amer Greek.	ElliotShip, & Land Co. Calmar Line. Chile Nit. Sales Corp.	Darien, R. P. Longview, Wash. Tocopilla, Chile. Manila, P. I. Portland, Oreg.	Boston, Mass Genoa, Italy	Bananas Lumber, gen. Nitrate	6,231 8,350 8,000			
Gateway City San Rafael Sonnavind ² City of Norfolk	5 5 5 5	5	Amer	Waterman S. S. Corp. Quaker Line. S. & J. Thompson.	Singapore, St. Set		Chrome ore. Lumber, gen. General	7,357			
Cnzco	5	5	Amer Amer Amer	Panama-Pacific Line . Grace Line	Penang, St. Set Tacoma, Wash Balboa, C. Z	New York, N. Y. New York, N. Y. Cristobal, C. Z.	(19)	6,342 7,807			
Amerikaland 2 Santa Elena	5 6 6	7	Nor Swed Amer	Isbrandtsen-Moller Ore S. S. Corp Grace Line	Iloilo, P. I. Cruz Gr'de, Chile SanAntonio, Chile	Baltimore, Md Baltimore, Md New York, N. Y.	Sugar, gen Iron ore Copper, gen.	22,300			
Rita ¹ Havkong ¹ ² American Legion ⁸	5	9	Nor	Curacao Scheepvart Anglo-Saxon Pet, Co.	Rollhoo C Z	Cumpaga N W I	Ballast (20) General	14,680			
Cuango ²	7	8	Pan Brit Neth	U. S. Army Elliot Ship. & Land Co. Blue Star Line Royal Neth. S. S. Co. Pacific Steam Nav.Co.	Los Angeles, Cal. Balboa, C. Z. Darien, R. P. Bluff, N. Z. SanAntonio, Chile		Bananas Frozen, gen.	45 7,342 3,783			
Aconcagua 2	67 66 77 7	7 8	Brit Nor Chile	Sud Amer. de Vapores	Seattle, Wash Talcahuano, Chile	Cristobal, C. Z Liverpool, Eng	Coffee, gen General	525 8,272 5,053			
Real 2	7777	10	Pan Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P Darien, R. P Darien, R. P		Bananas Bananas	38 55 58			
Tuira ² . Pirre ² . Deroche ¹ . Virgilio ² . Muriam ¹	77 77 77 77 77 77 77 77 77 77 77 77 77	8 9	Pan Amer Ital	Elliot Ship. & Land Co. Union Oil Co. Italian Line.	San Luis, Calif Valparaiso, Chile.	Cristobal, C. Z Savannah, Ga Genoa, Italy	Bananas Mineral oils General	9,775 3,497			
Myriam ¹	777	8	Pan Amer Nor	Dist. de Pet. Mex Waterman S. S. Corp. Grace Line	Guaymas, Mexico Iloilo, P. I Acajutla, Salv	Tampico, Mexico N. Atlantic port Cristobal, C. Z	Ballast Raw sugar General				

Tanker. ² Motor ship. ⁸ Transport. ¹¹ Mine planter. ¹³ Gunboat. ¹⁴ Spelter, wheat, lumber. ¹⁵ Casinghead gasoline. ¹⁶ Metal, wheat, lumber. ¹⁷ Sugar, pineapples. ¹⁸ Rubber, tin, general. ¹⁹ Copper, venadium, nitrate. ²⁰ Diesel oil, solvent. ²¹ Beans, barley, general.

PACIFIC TO ATLANTIC—Continued

	rived	cleared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cl	ality	(Charterer or operator)	From	For	Nature	Long tons
Port Melbourne. Sage Brush. Red Jacket Everelza. Agwidale. Adelfotis. Floridian. Crawdord Ellis. Kinka Maru 2. President de Vogue, 1 2 Caradoc 12	7 7 7 7 7 8 8 8 8 9 8 9	9 8 8 9 8 9 9		Port Line, Ltd., Chile Nit, Sales Corp. Waterman S. S. Corp. Chile Nit, Sales Corp. Isthmian S. S. Lines., Chile Nit, Sales Corp. AmerHawaiian Line. United Fruit Co. Kokusai Kisen Kaisya Comp. des Prod. Chim.	Manila, P. I Antof gasta, Chile Honolulu, T. H Iquique, Chile Seattle, Wash Golfito, C. R Manila, P. I	United Kingdom. Wilmington, N.C. New Orleans, La. Savannah, Ga New York, N. Y. Azores ¹⁴ Boston, Mass. Cristobal, C. Z. New York, N. Y. France High seas.	Nitrate Sugar, gen Nitrate Sugar, canec. Nitrate Lumber, gen. (15) General Crude oil	8,067 7,940 8,322 6,486 5,697 7,825 7,390 372 8,326 13,437
Harry Lucken- bach, Argentina ¹³ San Anselmo	9 5 9	9 10 10	Amer Urug Amer	Comp.ArgUru., N.Y. States S. S. Co	S. Francisco, Cal. Portland, Oreg.	Montevideo, Uru. Philadelphia, Pa	Lumber, gen.	7,810
Cranford	9 10 10 10 10	10	Pan	Chile Nit. Sales Corp. Elliot Ship. & Land Co. Grace Line. E. Obarrio Messageries Marit'es. E. Obarrio.		Wilmington, N. C. Cristobal, C. Z. New York, N. Y. Cristobal, C. Z. Marseilles, Fr. Cristobal, C. Z.	Nitrate Coffee, gen Copper, ores. Bananas	9,200 549 8,433 57 5,248 33

¹ Tanker. ² Motor ship. ¹² Cruiser. ¹³ Ferryboat. ¹⁴ For orders. ¹⁵ Coffee, logs, bullion. ¹⁶ Lumber, pulp, general. 17 Copper, nickel, general.

Prices of Miscellaneous Supplies at Panama Canal Storehouses The following are prices to individuals and companies, as of May 13, 1940:

Commodities	Unit	Price
Brass, bar, average	Lb.	\$0.20
Brass, sheet, average		.31
Bronze, Tobin, average		. 22
Gasoline, motor grade	Gal.	.13
Metal, yellow		.27
Dakum, Navy, spun		. 20
Oakum, Navy, unspun		.17
Oil, gun and ice machine.		.31
Dil, engine, gas, light, in drums, No. 2135	Gal.	.28
Oil, engine, gas, extra heavy, in cases, No. 2250		.31
Dil, engine, gas, extra heavy, in cases, 100, 2250		1 :26
Oil, kerosene, in drums		1 11
on, kerosene, in drums		.54
		11
Paint, lead, white, dry	Lb.	10
		107
Paint, zinc oxide, dry		
Paint, zinc oxide, in oil	Lb.	.11
Brease, gear, chain and wire rope, lubricating.	Lb.	.05
Grease, yellow, cup, medium		.06
Grease, yellow, cup, hard		.06
Soda, ash		.03
Waste, cotton, colored		.09
Waste, cotton, white	Lb.	10

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, \$1.20 per barrel at Cristobal and Balboa; Diesel oil, \$2.00 per barrel at Cristobal and Balboa.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides: From Colon: Daily, 7:00 a. m.; 11 a. m.; 5 p. m.;

10 p. m., From Panama: Daily, 7:05 a. m., 11:10 p. m., From Panama: Daily, 7:05 a. m., 1:10 p. m., 5 p. m., The time required for passage from one terminal to the other is 1 hour and 25 minutes.

Binders for The Panama Canal Record

Cardboard covers, punched and fitted with Cardboard covers, punched and fitted with brass fasteners forming binders for THE PANAMA CANAL RECORD are offered for sale at 25 cents a set, for the benefit of those who wish to keep a file of the issues for ready reference. Orders may be addressed to The Panama Canal, Balboa Heights, Canal Zone, or The Panama Canal, Washington, D. C.

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Volume XXXIII

Balboa Heights, C. Z., June 15, 1940

No. 11

Traffic Through the Panama Canal in May 1940

The total vessels of all kinds transiting the Panama Canal during the month of May 1940, and for the same month in the two preceding years, are shown in the following tabulation:

		May 1940		May		
	Atlantic to Pacific	Pacific to Atlantic	Total	1939	1938	
Ocean-going commercial traffic Small commercial vessels ¹ Noncommercial vessels:	206 48	213 44	419 92	506 78	465 81	
United States Government Colombian Government	41	14	55	43	42	
For repairs.	1	2	3	3	7	
Total	296	273	569	631	595	

¹ Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC 2

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve-month period ended May 31, 1940, as compared with the corresponding period ended May 31, 1939:

Month	No ves	. of sels		Canal net nage	Tons of eargo		Tolls		
1101101	1939-40	1938-39	1939-40	1938–39	1939-40	1938-39	1939-40	1938–39	
June July August September. October. November. December. January. February. March. April. May	458 489 489 466 402 470	445 429 468 438 494 505 509 525 501 553 496 506	2,268,679 2,254,398 2,247,098 2,119,418 2,068,665 2,178,556 2,116,424 2,056,568 1,782,977 2,099,902 1,704,951 1,871,095	2,064,793 1,933,816 2,177,699 2,005,241 2,276,194 2,302,333 2,336,011 2,380,916 2,282,318 2,586,580 2,278,326 2,341,894	2,437,087 2,317,697 2,385,039 2,445,700 2,386,314 2,472,503 2,361,176 2,337,943 2,123,574 2,279,432 2,081,483 2,319,372	2,122,389 2,025,660 2,171,674 1,998,464 2,359,673 2,223,830 2,374,395 2,393,360 2,206,963 2,664,068 2,472,504 2,538,949	\$1,977,431.94 1,974.380.72 1,964.776.48 1,855,574.22 1,815,210.24 1,915,075.38 1,840,096.98 1,795,241.88 1,567,416.06 1,532,416.98 1,508,200.86 1,648,035.78	\$1,801,291.78 1,694,205.07 1,890,050.74 1,741,895.46 1,977,706.7 2,031,017.04 2,062,454.16 1,996,735.66 2,252,156.28 1,999,851.16 2,053,502.16	
Total	5,480	5,869	24,768,642	26,966,121	27,947,320	27,551,929	21,693,857.52	23,484,880.92	

 $^{^2}$ Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons and over, Panama Canal measurement.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 tons measurement (Panama Canal net), which transited the Panama Canal during the month of May 1940. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	48 44	1,970 2,009	\$1,493.46 1,776.24	241 1,809
Total	92	3,979	3,269.70	2,050

Traffic by Nationality of Vessels 3 for May 1940

Nationality	No. of vessels	Panama Canal net tonnage	Tolls	Tons of cargo
Argentine British Chilean Colombian Egyptian French Greek Honduran Italian Japanese Latvian Mexican Netherland Nicaraguan Norwegian Panamanian Philippine Swedish United States Uruguayan	4 1 5 82 4 2 2 1 7 7 11 6 4 4 20 1 6 1 29 2 32 17 1 6 6 1 9 1 1 6 6 1 9 1 1 6 6 1 9 1 1 6 6 1 9 1 1 6 6 1 9 1 1 6 6 1 9 1 1 6 6 1 9 1 1 1 6 6 1 9 1 1 1 1	438,322 17,070 904 3,720 28,345 50,482 9,406 30,133 120,053 3,205 48,543 738 145,590 22,593 4,805 25,534 920,421 1,231	\$3,977.00 378,949.22 15,363.00 732.24 3,348.00 25,510.50 42,850.62 7,246.62 27,119.70 106,892.28 2,884.50 800.00 41,895.18 597.78 126,778.86 19,140.66 4,324.50 20,618.64 818,120.16	357, 953 16, 080 774 6, 860 18, 307 61, 227 4, 384 15, 615 145, 526 6, 486 47, 697 786 198, 077 24, 113 8, 452 48, 960 1, 358, 075
Total	419	1,871,095	1,648,035.78	2,319,372

3 Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

4 Naval vessel of 7,954 displacement tons.
5 Includes 2 naval vessels of 10,600 displacement tons.

6 Naval vessel of 1,600 displacement tons.

Traffic by Trade Routes for May 1940

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

	1	Atlantic to F	acific	Pacific to Atlantic		
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal. East coast United States and:	44	200,434	248,607	53	246,635	406,937
Canada	2	10,876		3	9,120	8,600
Central America	5 25	7,088 119,600	10,178 82,107	3 29	2,982 138,232	328,704
South America Balboa	1 23	6,053	11.175	29	100,202	320,104
Hawaiian Islands	7	30,687	34,840	8	36,536	62,174
Australasia	9	47,197	53,068	1	4,393	7,729
Philippine Islands	7	41,694	52,577	23	122,323	186,903
Far East.	14	79,665	111,915	4	20,333	30,573
East coast Canada and: South America	1	794		1	4.359	7,587
Australasia	3	19,262	21,306	2	10.648	14,260
Philippine Islands	2	12,144	16,765			
Central American intercoastal				1	5,049	
East coast Central America and Far East	2	10,013	17,181			
South American intercoastal	3	7,610	1,560			
East coast South America and: United States	2	12,323	5,331	1	1,231	
United States. Philippine Islands.		12,323	0,551	i	5,399	6,174
Far East	2	12,580	10.833			
Cristobal and:		· ·				
Central America	5	3,723	3,298	6	4,991	2,564
South America	15	13,914	13,086	21	17,460	17,496
West Indies and:	3	17,381		2	12.549	26,518
United States	1	5,299		ĩ	1,579	2,675
South America	6	29.140	56,110	î	6,028	2,015
Balboa	2	3,442	7,780	2	3,442	
Europe and:				_	11 000	01 101
United States	1	3,181	15 700	$\frac{2}{21}$	11,009 106,742	21,191 173,106
Canada	23 9	121,017 56,514	15,703 $22,964$	8	43.802	72.534
South America. Australasia	6	50,678	29,591	9	71.113	63.016
Far East	U	50,010	20,001	2	11.128	11.613

		Atlantic to F	Pacific	Pacific to Atlantic		
Trade route		Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
Egypt and: Canada South America Africa and United States	1 1	5,624 4,647		1 2 1	4,338 7,694 4,255	6,410 14,143 7,000
Around the world	2 1 7 1	14,646 4,080	13,475	1 7 3	6,419	
Total	206	951,306	839,450	213	919,789	1,479,922

⁷ Naval vessels.

Origin and Destination of Cargo by Major Areas, May 1940

The following table summarizes the origin of cargo passing through the Canal in May 1940, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

		Tons	of cargo destine	d for—		
Origin	United States	Other North America	Asia	South America	Austral- asia	Total
North America: United States Other North America Europe Miscellaneous	264,173 2,264 5,818 5,493	51,932 11,114 7,897	183,120 17,724	79,631 76,414 17,613 1,618	49,377 25,057 29,531	628,233 132,573 60,859 17,785
Total	277,748	70,943	211,518	175,276	103,965	839,450

PACIFIC TO ATLANTIC

		Tons of cargo destined for—				
Origin	United States	Other North America	Europe	Miscel- laneous	Total	
North America: United States Canada Other North America South America Australasia Asia	408,134 8,600 64,245 322,796 9,937 202,276	37,276 2,701 2,564 33,749 12,055 4,332	64,832 133,416 71,732 63,013 6,504	7,492 6,410 14,202 3,656	517,734 151,127 66,809 442,479 85,005 216,768	
Total	1,015,988	92,677	339,497	31,760	1,479,922	

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons during May 1940 or May 1939 are listed below:

0 1'	M	ay	Commodity	May		
Commodity	1940			1940	1939	
Atlantic to Pacific Ammonium compounds Automobiles and parts Canned food products Cement Chemicals, unclassified Coal and coke Cotton, raw. Iron and steel Machinery Metals, various Oils, mineral Paper Phosphates Scrap metal Sulphur Tinplate Pacific to Atlantic Asphalt and tar Barley	1,405	5,340 23,781 10,234 16,875 16,179 12,008 18,331 142,851 15,631 32,830 84,598 23,366 35,780 124,667 13,049 23,399	Pacific to Atlantic—Continued Coffee Cold storage (food products) s. Copra Flour Fruit, dried Fruit, fresh s. Lumber Metals, various Nitrates Oats Oils, mineral Oils, vegetable Ores Paper Rice Rubber, raw Sugar Wheat Wood pulp Wool	12,657 38,422 16,984 18,021 11,396 6,896 286,314 75,137 144,240 2,593 147,465 10,742 228,027 8,869 10,008 23,015 158,478 24,442 28,821 13,442	19,350 25,628 16,491 13,031 23,766 41,031 318,999 58,053 152,956 13,400 289,781 12,526 166,729 14,575 2,804 2,312 124,551 136,700 25,455	
Canned food products	95,141	91,653				

⁸ Except fresh fruit. 9 Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of May 1940, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity		l States coastal	routes i	all trade neluding ercoastal
Commonty	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts Agricultural implements	255	3	40 1,781	132
Alfalfa meal Ammonium compounds Animal foods ¹⁰ Apparel, wearing (hats, shoes, clothing, etc.)	209 107		12,169 164	75
Asphalt and tar	477 163	8	3,241 6,919	35
Automobiles (and autotrucks)	1,599 1,536 401	1 64 407	6,111 5,257 604	102 407
Bags and bagging, textile. Bamboo and products. Bannans. Barks, miscellaneous.			43	621 2,142 251
Barley Beans, edible, dry Beer	399 155	59 4,909	474 339	1,405 9,036
Blood and tankage Bones and bone meal Books and printed matter		80	206	414 80
	21	319 180	21	8,956 383
Bran and pollards Bricks and tile Camphor, crude Canned and preserved goods:			515	3
Fish Fruit Meat	295 3,968 72	8,028 23,891 347	610 4,027 842	13,080 53,578 841
Milk Soup Vegetables Miscellaneous and unclassified	7 2,767 808 2,094	57 4 10,031 13,687	448 2,879 836 2,244	585 54 10,298 16,705
Cardon black.	180 569	90	834 180 6,749	233 98 90
Cement. Chalk. Charcoal. Chemicals ¹⁰	82 4,316	26 811	883 102 14,321	26 1.968
Chaire. Charcoal Chemicals 10 Clay, china and fire Clay, filtering. Coal	177 672 2,278	103 323	1,559 1,019 50,965	103 337
Coconuts and products 10	157 112 411	1,011 112	599 196 4,565	1,281 1,984 12,657
Coke Cold storage and refrigerated products: Dairy products.		108	4,443	11,432
Eggs Fish Lard	17 4 64		17 45 ! 81	51 97
Meats. Poultry. Vegetables. Other and unclassified.	50	127	114	26,625 127 28
Confectionery	1,120	62	1,179	62 8 16,984
Corn. Cotton, raw. Creosote. Drugs and medicines.	42 22	97	1,028 15,905 42	3,246
Earthenware.	3,318 30 34	577	4,064 101 838	745 36 214
Eggs, dried. Electrical apparatus and appliances. Enamel and metalware Fa _p losives	2,097 1,422 439	13 465 40 50	3,555 2,679 468	193 655 96 171
Extract, quebracho Fertilizers ¹⁰ Fish, salted or dry-cured.	705	84	1,082 1,272	1,302

10 Except as otherwise classified.

Commodity		ed States rcoastal	routes	or all trade including itercoastal
Commonly	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Floor coverings Flour Fruit, dried Fruit, fresh ¹⁹ Furniturc and household goods	. 164 . 16	14,701 6,001 1,739	2,237 1,549 70 3	98. 18,02 11,39 6,89 279
Gallnuts General Glass and glassware Glue	15,455	2,874	51,371 3,929 29	9,275 241 99
Grains ¹⁹ . Groceries. Gums	1,816	96 552 50	1,541 2,614	1,175 1,175 469
Hair, all kinds Hay Hemp, unmanufactured Honey	15	153 120 62	15	2,80°
Infusorial carth ron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.) vory nuts	98,518	176 1,258	2,160 168,219 521	1,528
ard substituteimeiumeiquors	1,455 220 4,634	294	1,455 480 7,126	1,873 16 7 331
Machinery Malt Manufactured goods 10	4,644 2,942 12,370	162,739 261 508	7,762 19,081 28,352	286,314 405 382 1,600
farble and granite fatches fetals: Antimony	158	46	133 158 28	115
Copper. Gold and silver Iron Lead.	1,678 1,678	1,061 15 1,481	1,102	32,873 68 89 12,410
Tin. Zinc. Other and unclassified	262 131 901	524 1 199	1,100 5,530 1,979 3,663	5,380 21,206 2,996
filk, powdered folasses and syrups itrates (uts, edible (including meats)	101 141 133	577	$ \begin{array}{r} 101 \\ 141 \\ 1,245 \\ 212 \end{array} $	1,042 144,249 856
ats. vils, mineral: Crude. Gas and fuel.	44	9,775 5,081	91 12,469 76,219	2,593 59,495 32,836
Gasoline, benzine and naphtha Kerosene Lubricating and greases Other and unclassified	4,236 7,111 112	44,436 805	8,726 1,524 18,578 155	53,602 503 874 155
ils, vegetable: Coconut Cottonsed Linseed	23	1,235	311	7,805
Ohve Peanut Rapeseed	321 15		99 469 15	280 53
Teaseed. Wood. Other and unclassified. il, fish. lseeds (cotton, flax, hemp, sesame, rapcseed, etc.).	25 25 18	168 800	25 2,226 18	103 1,082 1,419 1,031
iseeds (cotton, flax, hemp, sesame, rapcseed, etc.) liseed cake and meal res; Antimony	865	27	7 865 18	504 90 323
Chrome Copper Gold and silver Iron	14	3,600 132	56	23,148 1,417 226
Lead. Magnesite. Manganese	90	6,727	90	177,250 2 12,967 5,620
Tin Zinc Other and unclassified ints and varnishes per and paper products ¹⁰ .	110 59 11 2,749	86 297	110 59 417 4,201	3,095 1,486 2,493 360
as, dry attmoss osphates	12,456 781	8,176	40,200 781	8,869 112 436
rcelainware	342 228	100	28,709 619	1,320

¹⁰ Except as otherwise classified.

Commodity		States oastal	Total for all trade routes including U.S. intercoastal		
Commonty	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic	
Potash Rags and waste Railroad material Rice Rope and twine Rosin Rubber:	77 140 2,191 1,032 913 1,262	995 1,102 95 12	77 404 5,969 1,138 1,368 3,979	1,558 447 10,008 306 48	
Manufactured	1,187	69	1,613 21	1,099 23,015	
Salt Salt	335 22	150	1,774 4,541 68	150	
Scrap metal Seeds (except oilseeds) Shells, all kinds	61 656	77 520	24,610 63 658	1,092 203	
Silk, raw skins and hides Slate.	826	1,564	136 468 826	522 5,253	
Soaps and products Soda and sodium compounds: Soda ash	1,183 657	73	1,341	155 247	
Soda, caustic Miscellaneous and unclassified Soya beans	345 513 100	180	$1,040 \\ 2,768 \\ 250$	233 47	
spices. Sugar Sulphur	227 52 23,715	37,390	275 127 48,545	188,47	
Fale Fallow. Fea	94	228 100 19	24	518 2,448 531	
Fextiles ¹¹ . Finplate Fobacco and manufactures	2,960 10,640 445	150 198 272	7,194 26,382 7,719	2,074 198 572	
Toilet preparations	155 112		283 398	299	
Vegetables, dry ¹⁰ . Wallboard	97	38	63 950	1,836 43	
Wheat	66 18 18	713 1,260 14,382 2,912	870 7,349 221	24,449 1,357 28,821 13,449	
Total, May 1940	264,173	408,134	839,450	1,479,922	
Total, May 1939	224,001	441,182	832,228	1,706,721	
Total, May 1938.	164,575	282,511	823,490	1,485,681	

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of May 1940.

		Atlantic to Pa	acific	Pacific to Atlantic			
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo	
United States intercoastal	2	10,764	4,212	6	37,932	61,207	
Central America/Mexico	1	1,338	2,625				
Balboa	1	6,053	11,175				
Canada and West coast South America.	1	794		1			
Central America/Mexico intercoastal				1	5,049		
East coast Central America and Far East	I	6,801					
South America intercoastal East coast South America and United	1	6,789					
States	1	7,140					
West Indies and:							
United States	3	17,381		2	12,549	26,518	
South America	5	28,158		1	6,028	2,015	
_ Balboa.	2	3,442	7,780	2	3,442		
Europe and:							
United States.				1	6,594	13,236	
South America	2	11,404		3	18,193	36,482	
Total	20	100,064	93,642	17	94,146	147,045	

¹⁰ Except as otherwise classified. 11 Cotton, silk, wool, rayon goods.

Comparison of Canal Traffic in May 1940, with May Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

		Month of M	ay		Average per month for fiscal year			
Calendar year	No. of transits	Panama Canal net tonnage	Tons of cargo	Fiscal year	No. of transits	Panama Canal net tonnage	Tons of cargo	
1915. 1916. 1917. 1918. 1919. 1920. 1921. 1922. 1923. 1924. 1925. 1926. 1927.	12 137 123 140 193 166 219 206 236 415 410 366 456 447 498	(000 omitted) 439 356 433 609 524 788 799 955 1,968 1,929 1,708 2,074 2,078 2,103	(900 omitted) 584 480 596 758 642 975 793 1,158 2,265 2,354 1,823 2,416 2,378 2,496	1915. 1916. 1917. 1918. 1919. 1920. 1921. 1922. 1923. 1924. 1925. 1926. 1927.	13 100 60 145 165 162 199 232 222 325 429 382 424 441 521	(000 omitted) 334 447 506 472 659 879 880 1,434 2,016 1,761 1,909 2,020 2,269	(000 omitted) 466 258 588 627 576 781 966 907 1,631 2,249 1,996 2,169 2,311 2,468	
1929 1930 1931 1932 1932 1934 1935 1936 1937 1938 1938 1940	515 470 411 345 342 459 424 488 544 465 506 419	2,309 2,237 2,019 1,809 1,741 2,374 2,189 2,316 2,626 2,150 2,342 1,871	2,536 2,261 1,924 1,676 1,628 2,302 2,292 2,420 2,951 2,309 2,539 2,319	1923 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 (11 months)	524 502 447 364 347 436 432 449 467 460 492 455	2,299 2,310 2,140 1,820 1,758 2,201 2,143 2,160 2,224 2,163 2,264 2,045	2,554 2,502 2,089 1,650 1,513 2,059 2,109 2,209 2,507 2,322 2,319	

¹² Canal opened August 15, 1914,

Terminal Activities

Ships repaired during the month of May 1940 numbered 67. Vessels released from drydock numbered 8. Fuel oil amounting to 424,033 barrels was delivered as bunkers to 185 commercial vessels. Bunker coal amounting to 7,377 tons was delivered to 13 commercial vessels. Sales of commissary supplies to ships aggregated \$49,019.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving tons Local cargo shipped tons Cargo received for transshipment tons	47,727 2,590 52,045	21,732 712 386	69,459 3,302 52,431
Cargo transshipped tons. "Canal Zone for Orders" cargo:	56,931	446	57,377
Number of receipts issued. Number of releases issued. Tons received.	4 24 60	16 11	6 40 71
Tons withdrawn	100	10	110

All Vessels Entering and Clearing Port

		Port of Crist	obal	Port of Balboa			
	No.	Registered	Registered	No.	Registered	Registered	
	of	gross	net	of	gross	net	
	ships	tonnage	tonnage	ships	tonnage	tonnage	
Ships entering All vessels, including those transiting Canal. Vessels entering port but not transiting Canal. Vessels transiting Canal and handling passengers and cargo at terminal ports.	489	2,844,131	1,698,757	466	2,642,089	1,593,956	
	56	271,184	149,730	22	60,871	36,856	
	108	588,775	344,467	75	519,480	302,555	
Ships clearing All vessels, including those transiting Canal. Vessels clearing port but not transiting Canal Vessels transiting Canal and handling passengers and eargo at terminal ports.	494	2,882,305	1,725,014	462	2,622,673	1,581,789	
	57	269,944	149,295	21	57,232	34,708	
	106	592,167	347,281	75	514,948	301,349	

¹³ Average for 102 months.

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month of May 1940. Figures after names of vessels show. respectively, tons discharged and tons laden:

CRISTORAL.

Ville D'Amiens, 197, Platano, 2, 0 Kronprincessan Margareta, 13, 2,295 Platano, 2,395, 0 Cristobal, 5,647, 577 63 Virgilio, 1, 1,060 Kirsten B, 557, 1,087 Santa Barbara, 8, 3 of Baltimore. 280. 0 Maine, 686, 192 280, 0 Panama Express, 0, 40 Acajutla, 1, 532 Oregon, 257, 30 Jamaica, 378, 925 Santa Maria, 314, 12 Pereira, 477, 519 Colombia, 1,171, 868 Manto, 522, 495 Quirigua, 1,035, 165 Santa Lucia, 301, 29 Veragua, 250, 1,165 Crawford Ellis, 373, 1.405 1,405 Kinka Maru, 563, 0 Draco, 0, 334 Idraet, 0, 672 Santa Marta, 995, 78 Doros, 76, 232 Indian Prince, 615, 174 Chateau Thierry, 584, Nemours, 591, 213 Ludington, 0, 202 Ludington, 0, 202 Ulysses, 680, 0 Leme, 1,512, 706 Talamanca, 420, 11 Ulua, 2,267, 120 American Legion, 207, Conte Biancamano. 456, 32 430, 32 Colombia, 607, 424 Ville de Verdun, 21, 1 Loriga, 37, 0 Schooner Ruby, 0, 3 215 215 Plato, 306, 742 City of Norfolk, 254, 0 Dido, 311, 745 Vermar, 1,197, 0 Comayagua, 1,104, 578 Schooner Ruby, 0, 3 Pasajero, 0, 6 Nero, 26, 353 Costa Rica, 1,018, 1 Notos, 420, 1,490 Notos, 0, 7 Olancho, 0, 8 Comayagua, 1,104, 5. Sophocles, 288, 82 Real, 0, 65 Contessa, 380, 240 Santa Elena, 30, 11 Pericles, 4,174, 4,233 Cefalu, 0, 12 Margaret Lykes, 0, Aconcagua, 39, 60 Salvador, 541, 21 Wyoming, 101, 364 Musa, 1,871, 8 Ancon, 6,502, 710 924 Orduna, 0, 967 Musa, 1, 0 Santa Marta, 6, 0

Ulua, 4, 0 Zacapa, 3, 0 Musa, 8, 0 Myriam, 0, 3 Amerikaland, 0, 1 Josephine H., 0, 150 Ceres, 0, 5,288 San Jose, 6, 0 Deroche, 5, 0 Misoa, 1, 0 Nemours, 0, 113 Inspiration, 8, 66 Husvik, 310, 0 Cefalu, 531, 261 Director, 146, 0 Jeff Davis, 79, 0 Velma Lykes, 0, 30 Kaipaki, 68, 0 Irisbank, 0, 2 Meline, 153, Platano, 2,227, 1 Laguna, 4, 496 Ulysses, 0, 4,674 Chiriqui, 418, 691

Alabama, 731, 112 Sixaola, 1,218, 200 Baja California, 0, 255 Cottica, 408, 10 Patrick Henry, 248, 0 Acajutla, 257, 0 Lobos, 62, 36 Hunter Liggett, 194, Salvador, 0, 345 111 Strabo, 32, 0 Manto, 344, 311 Colombia, 1,308, 263 City of Dalhart, 277, 0 City of Dalhart, 277, 0 Manto, 596, 0 Nero, 0, 522 Inspiration, 1, 16 Crawford Ellis, 666, 0 Aconcagua, 44, 1,222 Cottica, 2, 1,574 Draco, 350, 515 Pereira, 219, 683 Jamaica, 1,456, 94 Toloa, 1,751, 8 Nemours, 0, 113
Choluteca, 688, 163
Imperial, 29, 983
Cardonia, 2,110, 513
Istmo, 0, 51
Azuma Maru, 289, 254
Plato, 466, 709
Kagu Maru, 489, 0
Kagu Maru, 383, 0
Kagu Maru, 383, 0
Kagu Maru, 480, 0
Kagu Maru, 480, 0
Kagu Maru, 480, 0
Kagu Maru, 480, 0
Kagu Maru, 480, 0
Kagu Maru, 480, 0
Kagu Maru, 480, 0
Kagu Maru, 480, 0
Kagu Maru, 480, 0
Kagu Maru, 480, 0 Comayagua, 665, 133 Stuyvesant, 1, 0 Margaret Lykes, 3,009. Margaret Lykes, 5,005, 483 Cefalu, 419, 152 Rancher, 395, 0 Siranger, 170, 863 Sydhav, 0, 17 Sakura Maru, 444, 251 Kagu Maru, 450, 0 Contessa, 672, 209 Santa Clara, 35, 5 Cellina, 867, 871 Santa Ana, 6, 1 R. L. Hustler, 2, 0 Angon. 4.989, 0 An on, 4,859, 6 Ludington, 268, 1 Santa Maria, 55, 2 Santa Teresa, 1,005, 38 Platano, 2,129, 0 GreystokeCastle, 0, 21 verma Dykes, 0, 30
Triara, 0, 71
Panama, 5,097, 769
Josephine H., 21, 0
Nightingale, 372, 59
Santa Barbara, 293, 39
Argentina Maru, 1, 1
Yamaura Maru, 616, 0
City of Baltimore, 6, 0
American Legion, 397, Musa, 1,975, 7 Musa, 1,975, 7
Santa Elena, 389, 25
Veragua, 827, 112
Ebba, 0, 31
Talamanca, 299, 1,657 City of Norfolk, 9, 0
Doros, 376, 397
Colombia, 1,372, 412
Orotava, 336, 1,055

BALBOA

Santa Barbara, 49, 8 Sophocles, 99, 0 City of Newport News, Deroche, 298, 0 City of New Policy 1, 4
Esso Panama, 0, 10
Santa Maria, 273, 9
Colombia, 3, 0
Cadaretta, 4,167, 0 Ordnna, 0, 1 Acajutla, 0, 5 Panama Express, 0, 1 Oregon Express, 1,292, City of Norfolk, 263, 0 Penguin, 56, 0 Santa Lucia, 259, 15 American Legion, 670, Salvador, 1, 0 Ville D'Amiens, 1,453, 176 President Garfield, 0, 4 Pereira, 0, 12 0 Ludington, 500, 13 Chateau Thierry, 547, Lauritis Swenson, 651, 163 Staghound, 938, 0 Virgilio, 1, 0 Santa Elena, 17, 8

Aconcagua, 2, 1 Salvador, 1, 0 West Cactus, 0, 1 Kinka Maru, 1, 0 Colombia, 1, 0 Conte Biangamano, 0, 1 Asumasan Maru, 1, 0 Nako Maru, 112, 0 Santa Ana, 1, 0 L. P. St. Clair, 90, 0 Santa Barbara, 172, 53 British Columbia Ex- Cellina, 2, 0 press, 1,166, 7 California Imperial, 0, 1 Komaki Maru, 0, 1 Salvador, 3, 139

Argentina Maru, 2, 12 Tug Relief, 13, 0 Sanyo Maru, 1, 0 Kagu Maru, 3, 0 Hunter Liggett, 544, 116 California Express, 1,717, 2 City of Norfol City of Dalhart, 83, 0 Colombia, 1, 0 Santa Elena, 91, 6

Argentina Mari, 2, 12 Tug keiler, 13, 0 Rangitane, 14, 0 Pereira, 0, 51 Colombia, 2, 0 Santa Clara, 18, 8, City of Baltimore, 1, 3 Venice Maru, 156, 190 Leonard Wood, 676, 93 Santa Teresa, 285, 3 Washington Express, 1,609, 0 Angrer, 31, 0 Aconcagua, 0, 1 Choco, 0, 29 City of Norfolk, 12, 5

Note.—Figures shown represent short tons of 2,000 pounds.

Passengers

During May 1940, ocean-ship passengers debarking at Cristobal numbered 2,146; embarking 2,070; at Balboa 2,208 debarking and 752 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 3,662; from the Pacific to the Atlantic 2,072. Commercial aircraft numbering 63 entered Cristobal with 442 passengers debarking; clearances were 66 with 486 embarking. Balboa entries of aircraft numbered 60 with 190 passengers debarking; clearances were 60 with 165 embarking.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks

of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, \$1.10 per barrel at Cristobal and Balboa; Diesel oil, \$1.80 per barrel at Cristobal and Balboa.

Movements of Ocean Vessels Through the Panama Canal From midnight May 10, 1940, to midnight June 10, 1940

				ATLANTIC	TO PACIFIC			
	rrived	leared	Nation-	Line	Pe	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long
Ville de Amiens	S	13	Fr	MessageriesMaritimes	Marseille, France	Noumea, N. Caled Portland, Oreg.	General	2,259
Maine	9			CalifEastern Line	New York, N. Y.	Portland, Oreg	General	6,116
Germania 1 2 Arimasan Maru 2.	10			The Texas Co	Para, Brazil	Los Angeles, Cal.	Ballast	0.000
D 0	8		Jap Neth .	Mitsni Senpakubu Roval Neth. S. S. Co.	Maracaibo Venez	Moji, Japan. Tumaco, Colom.	General	8,389 277
Cachapoal	10	11	Chile .	Sud Amer, de Vap	Baltimore, Md. Maracaibo, Venez New York, N. Y.	Valparaiso, Chile.	General	2.895
Julia Luckenbach.	10	11	Amer	Luckenbach Line	Boston, Mass Cristobal, C. Z Curacao, N.W.I	Seattle, Wash	(14)	2,895 4,886
Kirsten B.	8	11		Grace Line	Cristobal, C. Z.	R'ventura Col	General	1,100
Doros	9			Royal Neth. S. S. Co.	Curação, N.W.I.	Guayaquil, Ecua.	General	308
Chateau Thierry 8 Losmar	10		Amer.	U. S. Army	Brooklyn, N. Y Baltimore, Md	Guayaquil, Ecua. Balboa, C. Z Seattle, Wash Kobe, Japan	General Steel, gen	6,901
	11	12		Calmar Line	Pt. Tampa, Fla.	Kobe, Japan	Phosphate.	9,090
Nathan 2	10		Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.13.		20
Cuango ² . Winslow ⁵ Mussolini ² .	11		Pan	Elliot Ship. & Land Co.	Cristobal C Z	Gatun, C. Z Balboa, C. Z Balboa, C. Z Balboa, C. Z Balboa, C. Z	Ballast	
Winslow 5	10 10		Amer.	U. S. Army H. Obarrio	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Gatun, C. Z	Ballast	
Colon 2	10		Pan Pan.	H. Obarrio	Cristobal, C. Z.	Balboa C Z	Ballast Ballast	
Miranores	3		Amer.	U.S. Army	Uristobal, U. Z.	Gatun, C. Z	Tow. barge	
Crawford Ellis	9	12	Nor	United Fruit Co	Cristobal, C. Z. Cristobal, C. Z.	Central America.	General	1,250
Colombia 2	10		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	442
Indian Prince 2 Conte Bianca-	10 10		Drit	Royal Mail Lines	London, England	N. Pacific ports.	General	5,259
mano	10	12	Ital	Italia Line	Genoa, Italy	Valparaiso, Chile.	General	813
Honomu Liberty 8 Kaikoura 2	11	12	Amer.	Isthmian S. S. Lines.	New York, N. Y. New York, N. Y. St. John, N. B.	Seattle, Wash Honolulu, T. H.	General	7,700
Liberty 8	12		Amer	MAN. Z. Line	New York, N. Y.	Honolulu, T. H.	Gen., explos.	
Esfuerzo 3	11	13		MAN. Z. Line	St. John, N. B	Adelaide, Aust Corinto, Nic	General	6,731
Mustin 9	11	12 14	Nic Amer.	Cia. Atlantica	Pto. Cabezas, Nic	San Diego, Calif.	Ballast	2
Hammann 9	12	14		U. S. Navy U. S. Navy U. S. Navy	Norfolk, Va Norfolk, Va	San Diego, Calif.	Ballast	
Sterett 9	12	14	Amer.	U. S. Navy	Charleston, S. C.	San Diego, Calif. San Diego, Calif.	Ballast	
Sterett 9. Misoa 1. Torrens 2.	12	1.11	Brit	Lago Shipping Co.	S. Nicolas, N.W.I.	Balboa, C. Z	Drydocking	
Port Duradia 2	12 12	13	Nor	Barber Line	New York, N. Y.	Shanghai, China.	General.	7,753
Port Dunedin 2 Tulsa	13	14	Brit Amer	Port Line, Ltd. Isthmian S. S. Lines. Waterman S. S. Co.	Noriolk, Va Charleston, S. C. S. Nicolas, N. W. I. New York, N. Y. New York, N. Y. Melylle, Ale	Adelaide, Aust Seattle, Wash	General	4,150 5,360 7,086 6,428
Arizoa	13	14		Waterman S. S. Co.	Mobile, Ala	Shanghai, China	(16)	7.086
President Monroe.	13	14	Amer	AmerPresident Lines	Mobile, Ala New York, N. Y. Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	Shanghai, China Manila, P. I. Balboa, C. Z Balboa, C. Z Real, R. P	General.	6,428
Ebba ²	11		Pan.	H. Obarrio	Cristobal, C. Z	Balboa, C. Z		
Angrer 3 Porto Bello 3	12 13	13	Brit Pan	George Gough	Cristobal, C. Z.	Balboa, C. Z	Ballast General	3
Nemours 2	2	14	Fr	French Line	Cristobal, C. Z	Guayaquil, Erua.	General	319
Istmo	13	14	Colom.	Colombiana Cabotaje.	Barranquilla, Col.	B'ventura, Col	(17)	774
Columbia Star 2	13	14	Brit	Blue Star Line	London, Englandi	Vancouver, B. C.	Ballast	
Maria Stathatos. A. M. Baxter	13 13	14		Chile Nit. Sales Corp.	Alexandria Egypt New York, N. Y. New York, N. Y. New York, N. Y.	Chile	Ballast	0.770
Komaki Maru 2	13	14	Amer	Puget Sound Mills . Kokusai K. Kaisya.	New York, N. Y.	Seattle, Wash Kobe, Japan	General (18)	2,753 7,958
Black Tern	14	14	Amer.	Isthmian S. S. Lines.	New York, N. Y.	Hawaii	General	3,315
Minnesotan	14	14	Amer.	AmerHawaiian Line.	Boston, Mass.,	Hawaii	General	6,154
Irisbank 2	14	14	Brit	Andrew Weir & Co	Philadelphia, Pa	Hongkong, China	(19)	4,611
Katrina Lucken- bach.	14	15	Amer.	Luckenbach Line	Houston, Tex	Seattle, Wash	Steel, gen	9,602
Imperial 2	13	15	Chile	Sud Amer. de Vap	New York, N. Y.	Valparaiso, Chile.	General	3,785
Tabinta 2	14	15	Neth	Java-New York Line.	New York, N. Y. New York, N. Y. New York, N. Y.	Strait Settlement	General	8,800 5,486
City of Kimberley	15	16	Brit	Ellerman & Bucknall	New York, N. Y.	Fremantle, Aust.	General	5,486
Vernon City Olivebank 2	15 15	16 16	Brit	Reardon-Smith Line The Texas Co	Cardiff, Wales Galveston, Tex	Brit, Columbia	Ballast	8,156
	15	10	Pan	Elliot Ship. & Lan 1 Co.	Cristobal C Z	Balboa, C. 7	General Ballast	0,100
Sona 2	14		Pan	Elliot Ship. & Land Co.	Cristobal C Z	Balboa, C. Z.	Ballast	
Sona ² . Tuira ²	14		Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Adelaide, Aust Balboa, C. Z Balboa, C. Z Balboa, C. Z Balboa, C. Z Gatun, C. Z	Ballast	
Almirante 3 Corsair 5	14		Pan Amer.	V. S. Bowen	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Alabaman	15	16	Amer.	AmerHawaiian Line.	Boston, Mass.	Portland, Or g.	Ballast	4.980
Cities Service	15		Amer.	Chile S. S. Co	Curação, N.W.I.	Tocopilla, Chile.	Fuel oil	12,041
Toledo.1	1.5							
Norbris 1 2 Kaipara 2	15 15	15	Pan Brit	Standard Oil of N. J.	Aruba, N.W.I	Iquique, Chile	Fuel oil.	11,685 7,300 7,598
Nightingale	15		Amer.	MAN. Z. Line Grace Line	London, England Baltimore, Md	Melbourne, Aust. SanAntonio, Chile	Gen., paper. General	7,300
Goodleigh Santa Barbara ²	16	16	Brit.	Ministry of Supply.	Hull, Englan i.	Vancouver, B. C.	Ballast	1,000
Santa Barbara 2	15	17	Amer.	Grace Line	Hull, Englan I. New York, N. Y. Galveston, Tex.	SanAntonio, Chile	General.	3,217
	16	17	Amer.	McCormick S. S. Co.	Galveston, Tex.	Tacoma, Wash	Sulphur	4,613
Sambu 2	14		Pan. Pan.	Elliot Ship. & Lan I Co. Elliot Ship. & Lan I Co.	Cristobal, C. Z Cristobal, C. Z	Tacoma, Wash Pedregal, R. P. Pto.Arm'les, R. P.	General	10 25
Cuango 2	10		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real ² . Sambu ² . Cuango ² . Capt. C. M. Condon ⁵			Amer.	U. S. Army	Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z Balboa, C. Z	Tow. barge.	
don.5	- 1	-	1					

Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ⁸ Transport. ⁹ Destroyer. ¹³ For bananas and return to Cristobal. ¹⁴ Paper, oil, general, etc. ¹⁵ Coconuts, beer. ¹⁶ Cotton, spelter, etc. ¹⁷ Salt, fuel oil, etc. ¹⁸ Scrap iron, general, etc. ¹⁹ Steel products, lubricants.

ATLANTIC TO PACIFIC—Continued

				ATLANTIC TO PAG	THE Continued			
	rrived	leared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Coast Banker	17	18	Amer.	Coastwise Line	New York, N. Y.	S. Francisco, Cal.	General	2,482
Laguna ² Winslow ⁵	16 13	17	Brit	Pacific Steam Nav. Co	Liverpool, Eng Cristobal, C. Z	Corral, Chile	General Ballast	4,238
Winslow 5. Q. M. C. No. 1 5. J. Fred Talbot 9,4	10		Amer	U. S. Army	Cristobal, C. Z.	Gatun, C. Z. Gatun, C. Z. Balboa, C. Z.	Ballast	
J. Fred Talbot 9.4	-27		Amer	U. S. Army U. S. Army U. S. Navy Pacific Steam Nav. Co	Cristobal, C. Z	Balboa, C. Z.	Ballast	
Salvador Pericles ²	5-7	18 18	Brit Neth	Pacific Steam Nav. Co	Cristobal, C. Z Cristobal, C. Z	Champ'ico, Guat. Chilean ports	General	344
D. G. Scofield ¹	18	19	Amer.	Royal Neth. S. S. Co. Pure Oil Co. of Texas	Smiths Bluff, Tex.	S. Francisco, Cal.	Fuel oil	11,175
Remuera President Herren-	18 17	19 19	Brit Nor	N. Z. Shipping Co Sigval Bergesen	London, England Donges, France	Auekland, N. Z Cabo Bl'eo, Peru	General Ballast	2,643
schmidt. 1 2 Horaee Lucken- baeh.	17	18	Amer	Luckenbach Ling	Boston, Mass	Seattle, Wash	General	5,505
Jane Christensen.	18	19	Amer.	Arrow Line	Baltimore, Md	Portland, Oreg	General	6,898
Mussolini 2	17 17	19	Pan	H. Obarrio	Cristobal, C. Z. Cristobal, C. Z.	Balboa, C. Z B'ventura, Col	Ballast	458
Manto ² Californian ²	18	19	Neth Amer	Chile Nit. Sales Corp.	Newp't News, Va.	Valparaiso, Chile.	General	10,443
Argentina Maru 2.	19	20	Jap	Osaka Syosen Kaisya.	Montevideo, Uru.	Kobe, Japan	(13)	3,570
Hopepeak ² Rangitane ²	18 19	19 20	Brit Brit	Ministry of Shipping N. Z. Shipping Co	London, England London, England	Vancouver, B. C. Wellington, N. Z.	Ballast General	3.078
Yamabiko Maru	19	19	Jap	Yamashita K. Kaisya	Montevideo, Uru.	Shanghai, China.	Cotton, gen.	7,263
Petrolite 1 2 Ettrickbank 2	19	19	Brit	Imperial Oil Co	Halifax, N. S	Ta'ara, Peru	Ballast	
Colombia 2	19 17	20 20		Andrew Weir & Co Elliot Ship. & Land Co.	Tampico, Mexico Cristobal, C. Z.	Adelaide, Aust. B'ventura, Col.	General	8,416 262
Pereira	17	20	Pan	Grace Line	Cristobal, C. Z.	La Union, Salv.	General	685
Montgomery City	19 19	20	Amer Brit	Isthmian S. S. Lines. H. Obarrio	Mobile, Ala Cristobal, C. Z	Hilo, T. H.	General Ballast	8,455
Angrer 3. Ruby 5	18		Amer.	U. S. Army	Cristobal, C. Z	Balboa, C. Z. Gatun, C. Z. Gatun, C. Z.	Ballast	
P-6 5			Amer.	U. S. Army	Cristobal C. Z	Gatun, C. Z	Ballast	9 000
City of Baltimore Draco ²	20 17	20 20		Panama-Pacific Line. Royal Neth. S. S. Co.	New York, N. Y. Cristobal, C. Z.	S. Francisco, Cal. Guayaquil, Ecua.	General	3,063 353
Kenmar	18	20	Amer.	Calmar Line	Baltimore, Md	Seattle, Wash	Gen., steel	8,093
Boris	19 19	20 21		Mitsui Line	Baltimore, Md	Oakland, Calif	Ballast	3,111
Port Nicholson	20		Brit.	Port Line, Ltd AmerHawaiian Line.	Glasgow, Scot Philadelphia, Pa	Dunedin, N. Z. Seattle, Wash	Lub, oil, gen. General.	3,811
Dan-Y-Bryn	20	21	Brit	Ministry of Shipping	Liverpool, Eng	Williamsh'd, B.C.	Ballast	
La Pampa 2	20 20	21 20	Brit Pan	Ministry of Shipping A. Tagaropulos	London, England Cristobal, C. Z.	Vancouver, B. C. Real, R. P.	Ballast General	3
Porto Bello 3 Derrymore 2	20	21	Brit	Ministry of Shipping	Hull, England	Vaneouver, B. C.	Ballast	
Waimea Abssaroka	20	21	Amer.	Isthmian S. S. Lines.	Portland, Me.	S. Francisco, Cal.	Gen., steel	6,340
Puerto Rican	21 21	22	Amer	MeCormiek S. S. Co Isthmian S. S. Lines.	New York, N. Y. Baltimore, Md	Seattle, Wash Manila, P. I.	General	5,764 8,463
La Cordillera ²	21 21	21	Brit	Isthmian S. S. Lines. Ministry of Shipping	Cape Verde Is	Brit, Columbia	Ballast	
Anglo-Peruvian J-52 5	21 20	22	Brit	Ministry of Shipping. U. S. Army	Glasgow, Seot Cristobal, C. Z	Vancouver, B. C. Gatun, C. Z.	Ballast Ballast	
Loreto ² Rodsley ²	20	22	Brit	Pacific Steam Nav. Co	Liverpool, Eng.	Talcahuano.Chile	General	5,501
Rodsley 2.	21 22 22	22 22 22	Brit	Ministry of Shipping.	Manchester, Eng.	Brit, Columbia	Ballast	3,811
Wiehita 2 Malay 1	22	22	Amer	U. S. Lines Chile S. S. Co	New York, N. Y. Baltimore, Md.	Adelaide, Aust Tocopilla, Chile	General Fuel oil	11,817
Greystoke Castle 2	22	23	Brit	Jas. Chambers & Co	Baltimore, Md. New York, N. Y. Cristobal, C. Z.	Yawata, Japan	(14)	7,375
Fortuna 3 Real 2	22 21		Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z Balboa, C. Z	Ballast	
Real ² Ebba ² L-53 ⁵ Hertford	21	23	Pan	Elliot Ship, & Land Co.	Cristobal, C. Z	Pto. Arm les, R. P.	Ballast General	30
L-53 5	10	24	Amer.	U. S. Army Fed. Steam Nav. Co.	Cristobal, C. Z.	Gatun, C. Z	Tow. barge	7,275
Modavia 3	22 22 22 22 23 23 23 23 23 23	23	Brit	Donaldson Line, Ltd.	London, England Glasgow, Scot	Sydney, Aust'lia Vancouver, B. C.	General	3,466
Modavia 3	22	23	Amer.	Ore S. S. Corp. Nippon Yusen Kaisya	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Argual	22	23	Jap Hond	United Fruit Co	Curacao, N.W.I. New Orleans, La.	Yokohama,Japan Pto.Arm'les, R. P.	Ballast	7,704
Argual Hopkins ⁹ Rowan ⁹ Agwistar	23	25	Amer.	U. S. Navy	Norfolk, Va	San Diego, Calif.	Ballast	
Rowan 9	23	25 24	Amer.	U. S. Navy U. S. Navy Chile Nit. Sales Corp.	Norfolk, Va	San Diego, Calif. Iquique, Chile.	Ballast	
Santa Elena	23	24	Amer	Grace Line	Baltimore, Md New York, N. Y.	SanAntonio, Chile	General	3,322
Marconi 2	22		Pan	H. Obarrio	New York, N. Y. Cristobal, C. Z.	Balboa, C. Z	Ballast	
Erie 13 Henry D. Whiton	23	25	Amer	U. S. Navy Texas-Gulf Sulph. Co.	High seas. Galveston, Tex	Balboa, C. Z Tacoma, Wash	Ballast Sulphur	6,582
Chattanooga City	23	25	Amer.	Isthmian S. S. Lines.	Mobile, Ala .	Seattle, Wash	General	7,515
Hegira	23	25	Amer	Weyerhaeuser S. S. Co		Seattle, Wash	General	8,732
Winslow 5 Edward Lucken- baeh.	20 24	25	Amer.	U. S. Army Luckenbach Line	Boston, Mass	Gatun, C. Z Tacoma, Wash	Tow. barge General	4,880
Colombia 2	23	25		Elliot Ship.& Land Co.	Cristobal, C. Z.	B'ventura, Col	General	460
Macabi	25 25	25	Pan	United Fruit Co	Boston, Mass	Golfito, C. R	General	3,169
Primero ² Mexican	25	25 25		Kempthorne Prosser. AmerHawaiian Line.	Galveston, Tex Bridegport, Conn.	Wanganui, N. Z. Seattle, Wash	Sulphur General	
Mexican Hopecrest ²	25	26	Brit	Canadian Govt	London, England	Vaneouver, B. C.	Ballast	
Mussolini ² Sandpiper ¹¹	24		Pan. Amer	U. S. Navy	Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z Balboa, C. Z	Ballast	
Sanupiper			Amer.	C. D. Havy	Cristobal, C. Z.	Daiboa, C. D	Danast	

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ⁹ Destroyer. ¹³ Cotton, wool, general. ¹⁴ Scrap iron and general. ¹⁵ Newsprint, aluminum. ¹⁶ Phosphate, coke, etc.

ATLANTIC TO PACIFIC-Continued

				ATLANTIC TO TAC	iric continuca			
	arrived	cleared	Nation-	Line	Po	rt	Cargo	
Ship	Date at	Date cl	ality	(Charterer or operator)	From—	For	Nature	Long tons
Cuango ²	25 25		Pan Pan Neth	Elliot Ship, & Land Co. E. J. Hooper	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Curacao, N.W.1.	Balboa, C. Z Gatun, C. Z. 14	Ballast	20 213
Doros ²	23 24	$\frac{26}{26}$	Neth	E. J. Hooper Royal Neth, S. S. Co. Royal Neth, S. S. Co.	Curação, N.W.1.	Guayaquil, Ecua. Tumaco, Colom.	General	465
Orotava	24 25	$\frac{26}{26}$	Hond Amer	United Fruit Co	New Orleans, La. Baltimore, Md	Acajutla, Salv	Gen., cement General	2,325 4,504
Kaimoku Inspiration Nicalaos D. L.	25 25	27	Nic	Matson Nav. Co Comp.Col.de Cabotaje	Cartagena, Col	B'ventura, Col Vancouver, B. C. Auckland, N. Z.	(15)	786
Nicalaos D. L	$\frac{25}{26}$	26 27	Nor	Seaboard Shipping Co Fearnley & Eger	Alexandria, Egypt Galveston, Tex	Vancouver, B. C. Auckland, N. Z.	Ballast Sulphur	7,500
Lady Glanely 2	26 24	26	Brit	Ministry of Shipping H. Obarrio	Avonmouth, Eng.		Sulphur Ballast Bananas	15
Angrer 3 Tuira 2 J-62 5	25		Brit Pan	Elliot Ship. & Land Co.	Cristobal, C. Z. Cristobal, C. Z.	Balboa, C. Z Balboa, C. Z Balboa, C. Z	Rallast	
	26	27	Amer Brit	U. S. Army British Government.	Cristonal, C. Z.	Williamsh'd, B.C.	Ballast	
Rita ¹ . Sorholt ² . Porto Bello ³ . Lapwing ¹⁰ Firmore.	26 27	27	Neth	Cur. Scheepv. My De La Rama S. S. Co.	Newcastle, Eng. Curacao, N.W.I Baltimore, Md.	Balboa, C. Z Shanghai, China	Crude oil General	3,879 4,670
Porto Bello 3	27	27	Nor Pan	A. Tagaropulos	Cristobal, C. Z. Cristobal, C. Z.	Real, R. P.	General	3
Lapwing 10	28	28	Amer	A. Tagaropulos U. S. Navy Ore S. S. Corp.	Baltimore, Md	Real, R. P. Balboa, C. Z. Cruz Gr'de, Chile	Ballast Ballast	
	28	28	Amer	AmerHawaiian Line.	Baltimore, Md Halifax, N. S	Seattle, Wash Saigon, China	General	5,326 7,694
Cingalese Prince 2. Wellington Court.	28 28	28 28	Brit Brit	Prince Line, Ltd Ministry of Shipping. Ore S. S. Corp.	Hull, England	vancouver, b. C.	General Ballast	
Amerikaland 2	28 28	29 29	Swed .	Ore S. S. Corp. Isthmian S. S. Lines	Baltimore, Md New York N. Y.	Seattle, Wash.	Ballast (16) General	5,840
Kailua	26	29	Chile	Sud. Amer. de Vap	New York, N. Y. New York, N. Y. Cristobal, C. Z. Cristobal, C. Z. Curacao, N.W.L. Philadalphia	Valparaiso, Chile. Gatun, C. Z Balboa, C. Z	General	4,347
	28		Amer Pan	U. S. Army	Cristobal, C. Z	Balboa, C. Z	Tow. barge Ballast	1
Deroche 1	27 28	29 29	Amer.	Union Oil Co Steamship Co., Neth	Curacao, N.W.I Philadelphia, Pa	Los Angeles, Cal. Vancouver, B. C.	Ballast	
Poelau Bras ² . Lena Luckenbach.	28	29	Neth Amer	Luckenbach Line	Tampa, Fla	Seattle, Wash New Zealand	Steel, gen	8,818
Australia Star 2 Andrea F. Luck-	28 29	30 30		Blue Star Line Chile Nit. Sales Corp.	Newport, Eng Baltimore, Md	New Zealand Valparaiso, Chile.	General Coal	10,716 $12,405$
enbach.					New York, N. Y.	Kamaichi, Japan.	Scrap iron	
Elias G. Kulu- kundis.	29	30		Ellerman & Bucknall			1	
City of Norfolk Fortuna 3	29 29	30	Amer Pan	Panama-Pacific Line Elliot Ship. & Land Co.	New York, N. Y. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Far East Balboa, C. Z Balboa, C. Z Balboa, C. Z Balboa, C. Z Balboa, C. Z Balboa, C. Z Balboa, T. Z Balboa, T. Z Balboa, T. Z Balboa, T. Z Balboa, T. H Honolulu, T. H. Honolulu, T. H. Honolulu, T. H.	General Ballast	6,283
	28 28		Pan Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast Ballast	
Sona 2	28		Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Ebba ²	28 28	30	Pan Nor	Elliot Ship. & Land Co. Westfal, Larsen & Co.		Los Angeles, Cal.	Ballast General	+5,331
Real ²	28 30 29	30 30	Amer	Westfal, Larsen & Co. Matson Nav. Co.	Buenos Aires, Arg. New York, N. Y. New York, N. Y.	Honolulu, T. H.	Steel Supplies	2,563 3,169
Craigias	30	30	Brit	Graig Shipping Co	Sunderland, Eng.	Tancourer, D. C.	Ballast General	
Santa Teresa	30 29	31	Amer	Grace Line U. S. Navy	New York, N. Y. Boston, Mass.	SanAntonio, Chile Puget Sd., Wash.	Ammunition	3,985
Pyro ¹³ Simnia ¹ ² Tosan Maru ²	30 30	31 31	Brit	Anglo-Saxon Pet. Co. Osaka Syosen Kaisya	Curacao, N.W.I Philadelphia, Pa.	Los Angeles, Cal. Kobe, Japan	Ballast Mach., gen	8,135
(ieorgian	30	31	Amer.	AmerHawaiian Line.	Boston, Mass	Seattle, Wash Longview, Wash	General Sulphur	4,692
Stanley A. Grif- fiths.	30	31	Amer.	Canadian Gulf Line	Pt. Sulphur, La .			
El Cedro Sage Brush	31 30	1		Puget Sd. Asso. Mills. Chile Nit. Sales Corp.	Camden, N. J. Norfolk, Va. Newp't News, Va. Brooklyn, N. Y.	Seattle, Wash Valparaiso, Chile.	General	1,755
Doctor Lykes	31	i	Amer	Lykes Bros. S. S. Co.	Newp't News, Va.	Cebu, P. I	General	10,028
American Legion 8 Dorothy Lucken-	31 31	1	Amer.	U. S. Army Luckenbach Line	Providence, R. I.	Cebu, P. I Balboa, C. Z Seattle, Wash	Ballast General	4,885
bach.	20	-		Blue Star Line	London, England	1		
Winslow 5	28		Amer	U. S. Army	Cristobal, C. Z Cristobal, C. Z	Vancouver, B. C. Gatun, C. Z Gatun, C. Z	Ballast	
Davie 5	28 31	···i	Amer Neth	Rotterdam Lloyd	Cristobal, C. Z. Boston, Mass.	Gatun, C. Z Singapore, St. Set.	Tow. barge General	11,300
Cape Clear 2	1	1	Brit	Lyle Shipping Co	Avonmouth, Eng.	Vancouver, B. C. Los Angeles, Cal.	Ballast	
Winslow 5 Davie 5 Bantam 2 Cape Clear 2 W. H. Berg 1 Acajutla	24		Brit	Pacific Steam Nay, Co.	Marcus Hook, Pa. Cristobal, C. Z.	Champ'ico, Guat.	General	504
Maranon Kirisina Maru ²	31	1	Peru	I C. P. V. D	Iquitos, Peru New York, N. Y.	Callao, Peru Yokohama, Japan	Lumber, gen. General.	2,222 9,900
Mussolini 2	31	1	Pan	H. Obarrio	New York, N. Y. Cristobal, C. Z. Cristobal, C. Z.	Yokohama, Japan Balboa, C. Z Balboa, C. Z	Ballast Drydocking	
Colombia ² Otowasan Maru ¹ ²	30 1	2		Mitsui Bussan Kaisya	New Orleans, La.	Osaka, Japan	Crude oil, gas	10,534
Stamatios G. Em-	1	2	Greek.	Chile Nit. Sales Corp.	Alexandria,Egypt	Chile	Ballast	
biricos. Karamea ² Kiyokawa Maru ²	1	3 2	Brit	Shaw, Savill & Albion Kawasaki K. Kaisya	United Kingdom.	Auckland, N. Z. Kobe, Japan	General Mach.cottor	3,935 8,367
Santore	1	1 2	Amer	Ore S. S. Corp. Isthmian S. S. Lines.	New York, N. Y. Baltimore, Md. Mobile, Ala	Cruz Gr'de, Chile Honolulu, T. H.	Ballast	1
Ewa	2	3	Amer.	1 Isthmian S. S. Lines	Mobile, Ala	Honolulu, T. H.	Steel	4,931

Tanker.
 Motor ship.
 Motor schooner.
 Launch.
 Transport.
 Mine sweeper.
 Auxiliary.
 For bananas and return to Cristobal.
 Salt, gasoline, general.
 Steel products, general.

ATLANTIC TO PACIFIC—Continued

	rived	eared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Pennsylvania.	2	3	Amer.	Pac.Coast Direct Line	Newport, R. I.	Seattle, Wash	Steel,oil, gen.	5,519
Fella ² 5 Trondheim ¹ ²	-31 6-2	3	Ital Nor.	Italia Line	Trieste, Italy Pernambuco, Br	Vancouver, B. C.	General Ballast	1,681
Steelmaker	2	3	Amer.	Isthmian S. S. Lines.	Portland, Me.	Talara, Peru Seattle, Wash	Steel, gen	5,680
L. P. St. Clair 1	2	3	Amer	Union Oil Co. of Cal.	Baltimore, Md.	Los Angeles, Cal.	Ballast	
Overton 95 Draeo 25	-18 -31	3	Amer Neth	U. S. Navy Royal Neth. S. S. Co.	Baltimore, Md. Cristobal, C. Z. Cristobal, C. Z.	Balboa, C. Z Guayaquil, Ecua.	Ballast	415
Marymar	6-3	3		Calmar Line	Baltimore, Md	Seattle, Wash	Steel, gen	9,390
Marymar Gen. Wm. M. Graham. 11			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z	Tow. harge	
Sambu ²	1	3	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z Brooklyn, N. Y.	Balboa, C. Z. Honolulu, T. H.	General	65
Chateau Thierry 8 H. D. Collier 1	3	4	Amer	U. S. Army Standard Oil of Cal	Philadelphia, Pa.	Los Angeles, Cal.	General	273
Baja California	4	4	Hond	United Fruit Co	New Orleans, La.	Quipos, C. R.	Ballast General	1,95
Catrine 2	4	4	Brit	British Govt	So'ampton, Eng.	Vancouver, B. C.	Ballast	
Hannington Court	2 4	5		British Govt	Leith, England.	Vancouver, B. C.	Ballast	
J-84 5	4	5	Amer	U. S. Army AmerHawaiian Line.	Cristobal, C. Z. Boston, Mass	Gatun, C. Z Portland, Oreg	Tow, barge Mach., gen	3,260
American Y.F.D. No. 2 13. 4	-12		Amer.	U. S. Navy.	New Orleans La.	Honotulu, T.H	Ballast	
Mahimahi Colombia ²	5	6	Amer	Isthmian S. S. Lines.	Mobile, Ala.	Seattle, Wash	Steel, gen	9,909
Wainio	5	5 6	Pan Amer	Elliot Ship. & Land Co. Isthmian S. S. Lines.	Mobile, Ala Cristobal, C. Z New York, N. Y. Cristobal, C. Z	B'ventura, Col Honolulu, T. H	General Gen., steel	2,567
Waipio Fortuna 3	5	5	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	Balboa, C. Z.	Ballast	2,00
Ivaran 2	5	6	Nor	De La Rama S.S. Co	Baltimore, Md	Hongkong, China	General	4,353
Lebore	5	6	Amer.	Ore S. S. Corp	Baltimore, Md	Cruz Gr'de, Chile	Bailast	4 201
Iberville	6	6	Amer Pan.	Bowater P. & P. Mills Standard Oil of N. J.	New York, N. Y. Aruba, N. W. I. Cristobal, C. Z. New York, N. Y.	Sydney, Aust'lia. Ant'fagasta, Chile	Vewsprint Fuel oil	4,397 14,278
Pereira	3	6	Pan	Grace Line	Cristobal, C. Z.	Cen. Amer. ports.	General	863
Santa Clara	5	7	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	3,05
Dorset ² Donnie F. ⁵	6 6	7	Brit	Fed. Steam Nav. Co.	Cardin, England.	New Zealand . Gatun, C. Z	Airplanes Tow. barge	55
President Adams	6	7	Amer	U. S. Army Amer. President Lines	Cristobal, C. Z. New York, N. Y.	S. Francisco, Cal.	General.	7,03
Y.F.D. No. 2 13. 4	-12		Amer.	U. S. Navy	New Orleans, La.	S. Francisco, Cal. Honolulu, T. H.	Ballast General	
Melampus	- 6	7	Neth	N. S. M.Oreaan	Boston, Mass	Soerahaya, Java.	General	6,537
Losada ² West Kyska .	4 7	8	Brit Amer.	Pacific Steam Nav. Co Waterman S. S. Corp.	Liverpool, Eng Jacksonville, Fla.	Valparaiso, Chile. Los Angeles, Cal.	General	8,165 5,977
Thurland Castle 2.	7 7 7 7 8 8 8 7 8 6 7	- 8	Brit	Barber Line	New York, N. Y.	Shanghai, China	General General	7,726
Porto Bello 3	7	- 8	Pan.	A. Tagaropulos U. S. Army	New York, N. Y. Cristobal, C. Z	Real, R. P	General	1
J-62 5. Flomar	7	Š	Amer.	Colmon Line	Cristobal, C. Z.	Gatun, C. Z Seattle, Wash	Ballast Steel, gen	7,844
Tacoma City	8	8	Brit	Calmar Line. Ministry of Shipping.	Baltimore, Md. Liverpool, Eng.	Vancouver, B. C.	Ballast	1,09
Turakina	7	9	Brit	N. Z. Shipping Co	Livernool Eng	Fremantle, Aust.	General	6,078
City of Flint Donro ²	8	8	Amer.	Moore & McCormick Royal Neth, S. S. Co.	Galveston, Tex Curacao, N.W.I.	Pt. Alice, B. C	Sulphur General	6,000
Mussolini 2	7	8	Neth . Pan	H. Obarrio	Cristobal, C. Z.	B'ventura, Col	Ballast	138
Cuango 2	S	8	Pan.	Elliot Ship. & Lan I Co.	Cristobal, C. Z.	Balboa, C. Z Balboa, C. Z	Ballast	
Col. Ri he 5	8		Amer.	U.S. Army	Cristobal, C. Z	Gatun, C. Z	Ballast	
J-84 ⁵ Gen. Wm. M. Graham. ¹¹	8		Amer	U. S. Army U. S. Army	C istobal, C. Z. Cristobal, C. Z	Gatun, C. Z Gatun, C. Z Balboa, C. Z	Ballast Ballast	
Graham. 11			Aut-I.	C. C. Atmy	Cristonal, C. Z	Daillia, O. a	Dullast	
Nathan 2.	7		$p_{\eta\eta}$.	E. J. Hooper	Cristobal, C. Z	Gatun, C. Z.14.		20
Lochkatrine ² Port Chalmers ² .	6 8	11	Brit. Brit.	Royal Mail Lines Port Line, Ltd.	London, England Cardiff, England.	Vancouver, B. C. Brisbane, Aust'lia	General	3,371 6,782
Inspiration	6	9	Ni:	Colombiana de Cabot.	Cristobal, C. Z	B'ventura, Col.	General	368
Nero 2	6	9	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General.	140
Telde	7	9	Hoal.	United Fruit Co	New Orleans, La	Golfito, C. K.	General	1,455
Svealand 2	8	10	Amer Swed.	U. S. Lines, Inc Ore S. S. Corp.	Baltimore, Md Baltimore, Md	Hongkong, China Cruz Gr'de, Chile	General	7,92
Carolinian .	9	9	Amer.	AmerHawaiian Line.	Boston, Mass.	Seattle, Wash	Ballast General	4,491
F. J. Luckenbach.	9	9	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash	General	5,237
Cape York ² Kalani	9	9	Brit	Lyle Shipping Co Matson Nav. Co.	Sunderland, Eng. Baltimore, Md	Vancouver, B. C. Hilo, T. H.	Ballast General	1,958
Fortuna 3	8	10	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	1,000
Ebba 2	- 8		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z. Cristobal, C. Z. Liverpool, Eng	Balboa, C. Z. Balboa, C. Z.	Ballast Ballast	
Martin Bakke 2	9	10	Nor.	Knutsen Line	Liverpool, Eng .	Los Angeles, Cal.	Ballast	
Sea Dragon 7 Lake Miraffores 1.	10	11	Amer	U. S. Navy	High seas. St. Johns, N. B.	Balboa, C. Z. S. Francisco, Cal.	Ballast Ballast	
Rimutaka	10	11	Brit	N. Z. Shipping Co	London, England	Wellington, N. Z.	General	3,289
Wisconsin	8	11	Fr	Fren h Line	Havre, France.	Vancouver, B. C.	Chlor., wine.	838
Nellwood 6 Jean Lafitte	10	12 12	Amer.	G. W. Skinner States Marine Corp	Chicago, Ill Pt. Tampa, Fla.	Seattle, Wash Kobe, Japan	Ballast Phosphates.	7,498

 $^{^1}$ Tanker. 3 Motor ship. 3 Motor schooner. 5 Lanneh. 6 Yaeht. 7 Submarine. 3 Transport. 9 Destroyer. 13 Floating drydock. 14 For bananas and return to Criscobal.

PACIFIC TO ATLANTIC

	72	p	_					
Ship	Date arrived	Date cleared	Nation		P	Cargo		
Ship	Date	Date	anty	(Charterer or operator)	From-	For—	Nature	Long tons
Karmt ² Ebba ²	11 11		Nor Pan	Chile Nit. Sales Corp Elliot Ship. & Land Co	Pt. Alberni, B. C.	New York, N. Y Cristobal, C. Z.	Lumber	8,600
Ensley City	11	11	Amer.	Isthmian S. S. Lines.	Darien, R. P Kabului, T. H.	Baltimore, Md.	General	$\begin{bmatrix} 38 \\ 8,278 \end{bmatrix}$
Fortuna 2	11			Elliot Ship. & Land Co	Darien R P	Cristobal C Z	pananas	70
Notos ² . Nebraskan	11	16	Neth.	Royal Neth S. S. Co. Isthmian S. S. Lines.	Guayaquil, Ecua.	Cristobal, C. Z.	General	380
Azumasan Maru 2	11	12	Jap.	Mitsui Bussan Kaisya	Guayaquil, Ecua Nawiliwili, T. H Manila, P. I.	Baltimore, Md Baltimore, Md	Sugar, gen	10,190
Moveria 2	12	12	Brit.	. Donaldson Line	Lancouver B (Glasgow, Scot	General	7,853 5,779 7,000
	12			AmerFor. S. S. Corp. Westfal-Larsen & Co. Nippon Yusen Kaisya	Tacoma, Wash	New York, N. Y.	Lumber.	7,000
Azuma Maru 2	12			Nippon Yusen Kaisya	Vancouver, B. C. Hongkong, China	United Kingdom Baltimore, Md	Metal, lum.	9,850
Torvanger Azuma Maru ² Tela Plato ²	12		Hond.	. United Fruit Co	Vancouver, B. C.	New Orleans, La	Ballast	
Plato ² Diomede ¹² Hallanger ¹ ² Bishopdale ¹ ²	12	16				New Orleans, La Cristobal, C. Z.	General	426
Hallanger 1 2	13			British Government Anglo-Saxon Pet. Co.	High seas Los Angeles, Cal.	High seas Liverpool, Eng	Diesel oil	13,236
Bishopdale 1 2	13	13	Brit	British Government	Trinidad, B.W.I.	High seas.	(16)	2,015
	11	15 14	Amer.	U. S. Army	Trinidad, B.W.I. Balboa, C. Z. Cruz Gr'de, Chile B'ventura, Col.	Brooklyn, N. Y.	General.	29
Santore Inspiration	10	14		Cia Col de Cabotaie	Cruz Gr'de, Chile	Baltimore, Md. Cristobal, C. Z.	Iron ore	11,500
Sidney M. Haupt-		13	Amer.	Murry Shipping Co	Zamboanga, P. I.	Baltimore, Md	Ballast Ore, copra	8,367
man. Durango 13	9	14						0,007
CressingtonCourt2	13	14	Mex Brit	Mexican Government	Valparaiso, Chile.	Vera Cruz, Mex. Liverpool, Eng. New York, N. Y.		
Diamond Head . Charles Christen-	13	14	Amer.	Ministry of Shipping . Matson Nav. Co.	Vancouver, B. C. Honolulu, T. H.	New York, N. Y.	Grain, lum Sugar, caned	8,600 7,710
Charles Christen- son.	14	14	Amer.	Arrow Line	Seattle, Wash	Baltimore, Md	Lumber	7,514
Cuango 2	14	16	Pan	Elliot Ship. & Land Co.	Darien, R. P	Chiefahal C 7		
Cuango ²	14	15		Elliot Ship & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	43 26
Jeff Davis 2	14 14	14 16	Amer.	Roosevelt S. S. Co	Iloilo, P. I	Cristobal, C. Z Cristobal, C. Z New York, N. Y.	Sugar, gen	7,816
Sambu ² Sona ²	14	15	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	Bananas	45
Sona ² Real ² Tuira ²	14	16	Pan	Elliot Ship, & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	35 35
Tuira 2	14	15	Pan .	Elliot Ship. & Land Co. Seaboard Ship. Co.	Darien, R. P	Cristobal, C. Z	Bananas	56
Aegeus Baron Herries	14 14	15 15	Greek. Brit	Ministry of Shipping	Vancouver, B. C.	Alexandria, Egypt	Lumber	6,410
El Aleto 1 2	15	16		Lobitos Oilfields	N.Westm'er,B.C. Cabo Bl'co, Peru.	United Kingdom. United Kingdom.	Grade C oil.	8,110 9,843
Bethore	15	15	Amer.	Ore S. S. Corp. Seaboard Ship. Co	Cruz Gr'de, Chile Vancouver, B. C.	Baltimore, Md.	Iron ore	21,500
Glacier	14 14	15 15	Brit Amer	August Tilden Co	Vancouver, B. C. S. Francisco, Cal.	United Kingdom.	Grain, lum	9,000
Glacier Santa Ana	14	15	Amer.	Grace Line.	SanAntonio, Chile	Baltimore, Md New York, N. Y.	Ores, metals. General	5,190 8,620
Yamaura Maru	14 15	16 15	Jap	Yamashita Kisen K.	Manila, P. I Auckland, N. Z.	Buenos Aires, Arg.	Ores, gen	6.174
Tamaroa Kaipaki ²	15	16	Brit Brit	Shaw, Savill & Albion	Auckland, N. Z.	London, England	Frozen, gen. General.	5,657
City of Glasgow.	15	16	Brit	M. A. N. Z. Line M. A. N. Z. Line M. A. N. Z. Line French Line United Fruit Co. Lykes Bros S. S. Co.	Melbourne, Aust. Dunedin, N. Z.	Montreal, Canada Montreal, Canada	General	9,334 4,865
Alabama Baja California.	15	17	Fr	French Line	Talcahuano, Chile	France	General.	8,088
Patrick Henry	15	17	Hond	Lykes Bros. S. S. Co.	Quipos, C. R. Kohsichang, Siam	New Orleans, La. New Orleans, La.	Ballast	
Lohos 2	16	17	Brit	Pacific Steam Nav. Co	Coronel, Chile	Liverpool, Eng.	Rice, sugar	10,514 8,283
L. P. St. Clair ¹ Port Hobart ²	15 13	17 17	Amer	Union Oil of Calif	Los Angeles, Cal.	Baltimore, Md.	Pet. prod	9,150
Rangitiki 2	16	17	Brit Brit .	Ministry of Shipping. N. Z. Shipping Co.	Sydney, Aust Lyttelton, N. Z.	United Kingdom. United Kingdom.	(19)	6,470
W. H. Berg 1	16	17	Amer	Sun Oil Co	Los Angeles Cal	Delaware River	Gasoline	7,035 11,697
Seawolf 7	16 16	17	Amer	Chile Nit. Sales Corp. U. S. Navy	Tocopilla, Chile. Balboa, C. Z. Portland, Oreg.	Mobile, Ala	Nitrate	9,291
Illinoian	16	17	Amer.	AmerHawaiian Line.	Portland Oreg	Uristopal, U. Z.		
Manto ² Mussolini ²	16	19	Neth	N.V. West Ind. Scheep.	Guayaquil Ecua	Baltimore, Md. Cristobal, C. Z. Cristobal, C. Z.	Lumber, gen. General	8,731 307
Arleongon	17 17	18 17	Pan	H. Obarrio	Darien, R. P Seattle, Wash	Cristobal, C. Z.	Bananas	60
Colombia 2	17	19	Amer Pan	AmerHawaiian Line. Elliot Ship. & Land Co.	Seattle, Wash B'ventura, Col	Boston, Mass Cristobal, C. Z	Lumber, gen.	7,665
	17	17	Amer.	Cia. Gen. de Tobaces	Bais, P. I	New Orleans, La.	Coffee, gen.	1,177 8,000
Draco ² . Eglantine.	17	20 17	Neth	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Sugar (21)	315
	17	19	Amer Pan	Lykes Bros. S. S. Co. Grace Line	Manila, P. I Acajutla, Salv	Baltimore, Md	Sugar, copra.	8,099
Porto Bello 2	17	17	Pan	A. Tagaropulos.	Darien, R. P	Cristobal, C. Z.	(22) (23)	220 20
Angrer ² Otowasan Maru ¹ .	17 16	18 18	Brit	A. Tagaropulos. H. Obarrio.	Darien, R. P	Cristobal, C. Z.	Bananas	24
Lebore	18	18	Jap Amer	Asiatic Pet. Co Ore S. S. Corp.	Los Angeles, Cal. Cruz Gr'de, Chile	New Orleans, La. Baltimore, Md	Hallact I	91 000
Nevadan Fortuna 2	17	18	Amer.	AmerHawaiian Line.	Portland, Oreg.	Boston, Mass.	Iron ore General.	$\frac{21,800}{7,926}$
Almirante 2	18 18	18 19	Pan. Pan.	Elliot Ship, & Land Co.	Darien, R. P.	Cristobal, C. Z.	Dananas	44
Rotorua	17	18	Brit .	A. Tagaropulos. N. Z. Shipping Co	Darien, R. P Auckland, N. Z.	Cristobal, C. Z. United Kingdom.	Bananas	6 020
King John 2	18	19	Brit	Angio-Can, S. S. Co.	N. Westm'er, B.C.	London England	Lum., metal	6,839 8,150
North Haven	191	19 20	Amer.	Mathewson Ship. Co. Nippon Yusen Kaisya	Pt.Angeles, Wash.	New York, N. Y.	Lum., metal. Lum., lead	6,672
Portmar	19	19	Jap' Amer	Calmar Line	Iloilo, P. I. Tacoma, Wash.	New York, N. Y. Baltimore, Md. Baltimore, Md.	Lumber	7,296 7,530
H. D. Collier 1	19	20	Amr.	Standard Oil of Calif.	Los Angeles, Cal.	Philadelphia, Pa.	Gasoline	11,166
Shickshinny	19	20	Amer.	Atlantic S. S. Co	Seattle, Wash	Mobile, Ala	General.	

Tanker. ² Motor ship. ⁷ Submarine. ⁸ Transport. ¹² Cruiser. ¹³ Gunboat. ¹⁴ Sugar, pineapples, canec.
 Sugar, ore, general. ¹⁶ Gasoline, fuel oil. ¹⁷ Lead, zinc, lumber. ¹⁸ Cotton, sugar, nitrate. ¹⁹ Meat, wool, apples.
 Meat, wool, general. ²² Coffee, hides, general. ²² Coffee, logs, general. ²³ Plantains, lumber.

PACIFIC TO ATLANTIC—Continued

	arrived	eared	Nation-	Line	Po	rt	Cargo		
Ship	Date ar	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons	
Sanyo Maru ² Nonsuco ²	$\frac{20}{20}$	21 20	Jap Amer	Osaka Syosen Kaisya M. V. Nonsuco, Inc. Chile Nit. Sales Corp.	Kobe, Japan Victorias, P. I	Liverpool, Eng New York, N. Y.	General	4,236 8,452	
Coloradan Emma Bakke 2	$\frac{20}{20}$	$\frac{21}{20}$	Amer	Chile Nit. Sales Corp.	Tocopilla, Chile.	Charleston, S. C United Kingdom.	Nitrate General	10,172	
Takaoka Maru	20	21	Nor Jap	Knutsen Line Nippon Yusen Kaisya	N. Westm'er, B.C. Kobe, Japan	London, England	General	7,254 7,377	
Mokihana	20	20	Amer.	Nippon Yusen Kaisya Isthmian S. S. Lines. Kokusai K. Kaisya	Manila, P. I. Manila, P. I. Balboa, C. Z. Cruz Gr'de, Chile	London, England Boston, Mass.	General	7,904	
Kagu Maru ²	20	21	Jap Amer.	Kokusai K. Kaisya	Manila, P. I	Houston, Tex. Cristobal, C. Z	(15) Tow. barge	8,143	
Col. C. M. Condon Svealand ²	20	21	Swed	U. S. Army Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Ma	Iron ore	22,300	
Santa Clara	$\frac{20}{20}$	21 21	Amer.	Grace Line	SanAntonio. Unile	New York, N. Y.	Copper, gen.	5,185	
Vinemoor ² North Wind	20	21	Brit Amer	Ministry of Shipping Weyerhaeuser S. S. Co.	Vancouver, B. C. Everett, Wash. Portland, Oreg	United Kingdom. Baltimore, Md.	(16) Lum., ore	7,550 3,500	
Heffron	21	21	Amer.	Weyerhaeuser S. S. Co.	Portland, Oreg	Baltimore, Md Norfolk, Va Cristobal, C. Z Cristobal, C. Z	Lum., ore	9.874	
Cuango 2	21 21	21 22	Pan Pan	Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	20	
Alamar	21	21	Amer.	Calmar Line	Darien, R. P Seattle, Wash	Baltimore, Md	Lumber	8,02	
Istmo	21	22	Colom.	Colombiana Cabotaie.	Tumaco, Colom.	Baltimore, Md Cristobal, C. Z.	Ballast		
Ohioan	21 21	24 21	Ital . Amer	Italian Line. AmerHawaiian Line.	Vancouver, B. C. Portland, Oreg	Trieste, Italy Baltimore, Md	General Lum., gen	7,250 7,468	
Real 2	21	22	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas		
Iriona Susan V. Lucken-	$\frac{21}{21}$	22 22	Hond.	United Fruit Co Luckenbach Line	Vancouver, B. C. Seattle, Wash	Boston, Mass	Ballast (18)	7,25	
bach.	21	22	Amer.		Seattle, wash	DOSTOR, Mass	(20)		
Alfios	21	23 23	Greek.	Chile Nit. Sales Corp.	Ant'fagasta, Chile	Alexandria Egypt	Nitrate	7,285 8,188	
Chickasaw City Marconi ²	21 22	23	Amer Pan	Isthmian S. S. Lines. D. Campodonico	Portland, Oreg Chiriqui, R. P Balboa, C. Z	Baltimore, Md	Cattle	8,188	
M1SO3. 1	13	23	Brit	Lago Shipping Co. N. Z. Shipping Co.	Balboa, C. Z	Colon, R. P Aruba, N. W. I.	Ballast		
Northumberland .	21 22	23 23	Brit	N. Z. Shipping Co	Auckland, N. Z.	London, England	Frozen, gen.	8,634	
Steel Trader Titania ²	22	23	Amer Nor	Isthmiau S. S. Lines. Barber Line	Auckland, N. Z. Auckland, N. Z. Manila, P. I. Cebu, P. I Balboa, C. Z Seattle, Wash	Baltimore, Md Boston, Mass.	General	8,403	
Salty Bill 5 Hoyanger 2	22		Amer	Barber Line	Balboa, C. Z	Boston, Mass. P. Miguel, C. Z.	Ballast		
Hoyanger ² Forbes Hauptman	22 23	23 23	Nor	Westfal, Larsen & Co. Chile Nit. Sales Corp.	Seattle, Wash Valparaiso, Chile.	Liverpool, Eng Savannah, Ga	Nitrate	7,955 8,300	
Lahaina	23	23	Amer.	Matson Nav. Co	Hilo, T. H	New Orleans, La. Cristobal, C. Z	General	7,166	
Doros ² Lillian Lucken-	23 23	26 23	Neth	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	341	
bach		20	Amer.	Luckenbach Line	Seattle, Wash	Boston, Mass	Lumber, gen.	0,010	
Colombia ² Alma Bush ²	23 23	25	Pan	Elliot Ship. & Land Co.	B'ventura, Col	Cristobal, C. Z	Coffee, gen		
Relief 4	23	24	Brit	N. Bush MerChapScott	Panama, R. P Manzanillo, Mex.	Cristobal, C. Z New York, N. Y.	Plantains Ballast		
Dimitrios Chan-	23	27	Greek.	Seaboard Ship. Co	N.Westm'er,B.C.	Garston, Eng	Zinc, lumber	7,20	
dris. Salacia ²	23	24	Brit	Donaldson Bros, Black	Vancouver, B. C.	Glasgow, Scot	General	6,88	
Bear 8	9	24	Amer	U. S. Navv	Antarctic	Ilmited States			
Oakman	23 23	24		Ministry of Shipping.	Sydney, Australia	Philadelphia, Pa	Wheat	7,72 23	
Acajutla Hunter Liggett 8.	23	25	Brit Amer	Pacific Steam Nav. Co U. S. Army	S. Jose de Guat Honolulu, T. H	Philadelphia, Pa Cristobal, C. Z New York, N. Y. Cristobal, C. Z Cristobal, C. Z	Coffee, wood General	3,04	
Mussolini 2	24	25	Pan	E. Obarrio	Darien, R. P	Cristobal, C. Z	Bananas	8	
Mussolini ² Augrer ² Jacob Lucken-	24 23	26 24	Brit	A. B. Obarrio Luckenbach Line	Darien, R. P Seattle, Wash	Tampa, Fla	Bananas General	7,83	
bach.									
City of Dalhart	24 24	25 24	Amer	Roosevelt S. S. Co AmerHawaiian Line.	Manila, P. I Seattle, Wash Balboa, C. Z	New York, N. Y. Boston, Mass	General Lumber, gen		
L-41 °	24		Amer.	U. S. Army	Balboa, C. Z	Cristobal, C. Z.	Tow. barge		
Porto Bello 2 Griffco	24 24	24 25	Pan Brit	A. Tagaropulos Canadian Transp. Co.	Darien, R. P. Vancouver, B. C.	Cristobal, C. Z St. John, Antigua	Lumber, gen	2,67	
Eastern Trader	24	24	Amer.	Spreckels Sugar Co	S. Francisco, Cal.	Brooklyn, N. Y Cristobal, C. Z	Sugar	7,19	
Eastern Trader Manto ²	24 24	25	Neth	Spreckels Sugar Co Royal Neth. S. S. Co. AmerHawaiian Line.	B'ventura, Col	Cristobal, C. Z	(23)	1 00	
Hawaiian Crawford Ellis	24	26	Amer	United Fruit Co	Portland, Oreg Acajutla, Salv	Baltimore, Md. Cristobal, C. Z	General	6,84	
Steelore	25	25	Amer	Ore S. S. Corp Isthmian S. S. Lines.	Cruz Gr'de, Chile	Baltimore, Md	Iron ore	[21,80]	
Steel Ranger	24 24	25 25	Amer Nic	R. Feuillebois	Portland, Oreg Corinto, Nic	Philadelphia, Pa.	Sugar, coffee	8,42	
Esfuerzo ² Fortuna ²	25	26	Pan	Elliot Ship. & Land Co.	Harien R P	Pto. Cabezas, Nic Cristobal, C. Z.	Bananas		
Black Falcon Elwyn C. Hale	25 25	25 26	Amer	Isthmian S. S. Lines.	Vancouver, B. C. Longview, Wash. Iloilo, P. I. Darien, R. P	Baltimore, Md Newark, N. J	Lumber, gen		
Atutasan Maru 2.	25	26	Jap	Weyerhaeuser S. S. Co Mitsui Bussan Kaisya	Iloilo, P. I	Baltimore, Md	Lumber Sugar, gen	8,52	
Tuira 2	25	26	Pan	Elliot Ship, & Land Co.	Darien, R. P	Cristonal, C. Z.	Bananas	5	
Vermont Hamakua	25 25	26 26	Amer	Quaker Line	Marshfield, Oreg. Kahului, T. H. Manila, P. I. Seattle, Wash.	Philadelphia, Pa Baltimore, Md	(26) (27)	7,81	
Volunteer	26	26	Amer.	Lykes Bros. & Co	Manila, P. I.	Baltimore, Md	Sugar	9,00	
West Madaket Rokos Vergottis	26 26		Amer Greek.	Waterman S. S. Corp.	Seattle, Wash	Baltimore, Md	Lumber	+7,65	
L-53 5	26		Amer.	J. J. Moore, Inc U. S. Army	Aberdeen, Wash. Balboa, C. Z.	Lurenquo Marq'e Cristobal, C. Z.	Lumber. Tow. barge.	7,00	
	26	27		Sun Oil Co	Los Angeles, Cal.	Chester, Pa	Gasoline	17,50	

¹ Tanker. ² Motor ship. ⁵ Launch. ⁸ Transport. ¹⁴ Sugar, coconut oil. ¹⁵ Sugar, rubber, silk, general. ¹⁶ Lumber, grain, metal. ¹⁷ Lumber, lead, pulp. ¹⁸ Lumber, canned goods, general. ¹⁹ Lumber, ore, general. ²⁰ Coconut oil, general. ²¹ Wood pulp, lumber. ²² Lumber, plantains. ²³ Coffee, rubber, hides. ²⁴ Wood, coffee, bullion, general. ²⁵ Lumber, canned goods, ore, pulp. ²⁸ Lumber, coconut oil. ²⁷ Sugar, canned pineapples.

PACIFIC TO ATLANTIC-Continued

				TACHIC TO ATEL	Continuos			
	rrived	Date cleared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date c	ality	(Charterer or operator)	From-	For—	Nature	Long tons
San Marcos Killerig Benjamin Frank-	26 25 27	27 27 28	Amer Pan Nor	Quaker Line MerChap,-Lindsay. Fred Olsen & Co.	Portland, Oreg Acapulco, Mexico N.Westm'er, B.C.	Philadelphia, Pa. Aruba, N. W. I. Liverpool, Eng.	Gen., lumber Ballast General	7,598 8,599
lin. ² West Ekonk Texmar	28 28 28	28 28 29	Amer Amer Pan	Chile Nit. Sales Corp. Calmar S. S. Corp Elliot Ship. & Land Co.	Antof'gasta, Chile Portland, Oreg El Real, R. P	Charleston, S. C. Baltimore, Md Cristobal, C. Z.	Nitrates Lum., steel. Bananas	8,114 7,655 50
Ebba ² Star of Cairo Cuango ²	28 28 28	28 28 30	Egypt. Pan	Chile Nit. Sales Corp. Elliot Ship. & Land Co.	Tocopilla, Chile Darien, R. P	Alexandria, Egypt Cristobal, C. Z. Curacao, N. W. I.	Nitrates Bananas Oil, solvent	6,860 47 11,838
Cuango ²	28 28	28 28	Nor Amer Amer	Anglo-Saxon Co. Weyerhaeuser S. S. Co. Calmar S. S. Corp. Nippon Yusen Kaisya	Los Angeles, Cal. Everett, Wash Aberdeen, Wash.	Baltimore, Md Baltimore, Md Baltimore, Md	(14) (15)	10,393 6,100
Sakura Maru ² Sona ² Sambu ² Real ²	28 28 28	29 29 29	Jap Pan Pan	Nippon Yusen Kaisya Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Aberdeen, Wash Iloilo, P. I. Darien, R. P Darien, R. P	Cristobal, C. Z.	Bananas Bananas	7,611 35 26
Real ²	28 27 28	29 29 29	Pan Neth	Elliot Ship. & Land Co. Curacao Scheepvaart.	Darien, R. P. Balboa, C. Z. Cruz Gr'de, Chile	Cristobal, C. Z. Curacao, N.W.I. Baltimore, Md.	Bananas Ballast	29
Santa Maria 2	28 29	29 29	Amer Amer	Ore S. S. Corp. AmerHawaiian Line. Grace Line	Portland, Oreg SanAntonio, Chile	Boston, Mass New York, N. Y.	Iron ore General General	6.014
Port Huon ² President Her- renschmidt, ¹ ²	29 29	30 30	Brit Nor	British Admiralty Pechelbronn, Paris	Pt. Pirie, Aust'lia Lobitos, Pern.	United Kingdom. Donges, France.	Frozen, gen. Crude oil	4,979 7,724 13,202
West Gambo West Quechee Cromarty ²	29 29 29	30 30 30	Amer Amer Brit	Chile Nit. Sales Corp. Chile Nit. Sales Corp. Ministry of Shipping.	Iquique, Chile Tocopilla, Chile Chemainus, B. C.	Lake Charles, La. Lake Charles, La. United Kingdom.	Nitrates Nitrates Lum., metal.	8,150 8,050 8,750 1,243
Walter A. Luck-	30 30	1 30	Pan Amer	Elliot Ship. & Land Co. Luckenbach Line	B'ventura, Col Seattle, Wash	Cristobal, C. Z Boston, Mass	Coffee, gen General	1,243 6,871
enbach. Vest	30 30	31 30	Nor Amer.	Chile Nit. Sales Corp. McCormick S. S. Co.	Tocopilla, Chile Seattle, Wash	Colon, R. P. ¹³ New York, N. Y.	Nitrates Lumber, gen.	7,950 7,761
Black Gull Draco ² West Cobalt	30 30 31	30 3 31	Amer Neth Amer	Isthmian S. S. Lines Royal Neth. S. S. Co. Chile Nit. Sales Corp.	Portland, Oreg Gnayaquil, Ecua. Tocopilla, Chile Darien, R. P.	Mobile, Ala Cristobal, C. Z. Norfolk, Va. Cristobal, C. Z.	Lumber, gen. (17) Nitrates	5,257 444 7,925
Mussolini ² Yaka Leonard Wood ⁸	31 31 30	31 1	Pan Amer Amer	E. Obarrio Spreckles Sugar Corp.	Darien, R. P	Cristobal, C. Z Baltimore, Md Brooklyn, N. Y Cristobal, C. Z	Bananas Sugar General	77 7,972 1,743
Socrates 2 Azalea City	31	31	Neth Amer	U. S. Army Royal Neth. S. S. Co. J. D. Spreckles Co. Matson Nav. Co.	Valparaiso, Chile. Iloilo, P. I	Cristobal, C. Z. Hatteras ¹³ . Baltimore, Md	General Sugar	3,650 7,700 7,500
Kahuku Porto Bello ² Fernplant ² Raranga	31	31 31 1	Amer. Pan Nor	A. Tagaropulos Fern Line	Darien, R. P. Manila, P. I. Wellington, N. Z.	Cristobal, C. Z U. S. Atl. ports	(19) (20)	8,061
Raranga Duquesne Wind Rush	31 31 6-1	1 1	Brit Amer Amer	Shaw, Savill & Albion Girdwood Ship. Co Shepard S. S. Co	Portland, Oreg	United Kingdom. New York, N. Y. Boston, Mass	Frozen, gen. Chrome ore. Lumber, gen.	7,095 8,150 7,882
San Jose	1	4 2 3	Fr Nor	French Line Chile Nit, Sales Corp. Elliot Ship, & Land Co.	Vancouver, B. C. Tocopilla, Chile.	Boston, Mass Havre, France. Wilmington, N.C.	General Nitrates Bananas	7,882 5,765 7,330 60
Horda Sambu ² Fortuna ² Nemours	1 1	2	Pan Pan Fr	Elliot Ship. & Land Co. Elliot Ship. & Land Co. French Line United Fruit Co	Darien, R. P Darien, R. P B'ventura, Col	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Bananas	535
Nemours	1	2 2 3	Jap Jap	United Fruit Co Kokusai K. Kaisya Kawasaki K. Kaisya	B'ventura, Col Balboa, C. Z Iloilo, P. I Tsingtao, China	Pto Cortez, Hond. New York, N. Y. Houston, Tex	Ballast (22) (23)	8,085 4,647
Goyo Maru Cornish City ² Zealandic ² Desoto	2 2 2	3 2	Brit Brit Amer	Reardon-Smith Line. British Admiralty Waterman-Arrow Line	Vancouver, B. C. Lyttleton, N. Z. Longview, Wash. Hawaiian Islands	Houston, Tex London, England United Kingdom.	Wheat, lum. Frozen, gen. Lumber	9,000 7,626 7,020
Anna Knudsen 1 2	1	2 3	Amer Nor	Arrow Oil Co	Hawaiian Islands Los Angeles, Cal. Pt.Towns'd,Wash	New York, N. Y. New York, N. Y. Curacao, N. W. I. Boston, Mass.	Ballast	7,665 5,815
Iowan Steel Navigator Pereira	$\begin{bmatrix} 2\\2\\2 \end{bmatrix}$	3 3 6	Amer Amer Pan	AmerHawaiian Line. Isthmian S. S. Lines. Grace Line	Manila, P. I La Union, Salv	Cristobal, C. Z.	(25) Coffee, gen	8,373
Queen Victoria 2 Mathew Lucken- bach.	3	3	Brit Amer	T. Dunlop & Sons Luckenbach Line	Newcastle, Aust Portland, Oreg	United Kingdom. Mobile, Ala	Wheat General	8,788 7,722
Somerville ² Oremar Bradford City ²	3 3	5 4 5	Nor Amer Brit	French Line	Vancouver, B. C. Tacoma, Wash Vancouver, B. C.	Havre, France Baltimore, Md United Kingdom.	(26) (15) Wheat, lum.	6,730 7,893 9,000
Colombia 2 American Legion 8	31	5	Pan Amer	Elliot Ship. & Land Co. U. S. Army	Balboa, C. Z. Balboa, C. Z. Manila, P. I.	Cristobal, C. Z. New York, N. Y. New York, N. Y. New York, N. Y. St. John, N. S.	Ballast Army stores.	
Dona Aniceta 2 Santa Lucia City of Elwood 2	4	5 5 5	P. I Amer Amer	De La Rama S. S. Co. Grace Line	Adelaide, Aust'lia	New York, N. Y. St. John, N. B.	General General	7,256 5,687 7,795
Lautaro ² Maimoa R. J. Hanna ¹	3 4 4	7 7 5	Brit Brit Amer.	Pacific Steam Nav. Co Shaw, Savill & Albion Standard Oil of Calif.	Valparaiso, Chile. Opua, N. Z S. Francisco, Cal.	Great Britian Baltimore, Md	General Frozen, gen. Asphalt	7,275 7,511 9,971
Missourian	5	5	Amer.	AmerHawaiian Line.	S. Francisco, Cal.	Boston, Mass	Lumber, gen.	8,981

Tanker.
 Motor ship.
 Transport.
 Sugar, ore, general.
 Coffee, nuts, general.
 Sugar, canned pineapples.
 Lumber, plantains.
 Sugar, converted pineapples.
 Lumber, plantains.
 Sugar, canned pineapples.
 Lumber, plantains.
 Sugar, canned pineapples.
 Rubber, tin, hemp, general.
 Lumber, pulp, general.
 Coonut of the convergence of the converge

PACIFIC TO ATLANTIC—Continued

		_			1			
	Nation-		Nation-	Line	Po	Cargo		
Ship	Date arrived	Date o	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Kirsten B Cities Service Toledo, 1	5 4		Nor Amer	Grace Line	Callao, Peru Tocopilla, Chile	New York, N. Y. U. S. Gulf ports.	Minerals Ballast	1,671
William Lucken- bach.	5	6	Amer	Luckenbach Line	Seattle, Wash	Boston, Mass	(13)	7,506
Chipana Inspiration Orduna	5 4 6	9	Amer Nic Brit	Grace Line Elliot Ship. & Land Co. Pacific Steam Nav. Co	Valparaiso, Chile. B'ventura, Col Talcahuano, Chile	New York, N. Y. Cristobal, C. Z. Liverpool, Eng.	Copper, gen. Coffee General	4,592 690 6,430
Panaman	6	7	Amer Nor	AmerHawaiian Line. De la Rama S. S. Co.	Portland, Oreg Hongkong, China.	Baltimore, Md. New York, N. Y.	General	7,710 8,089
Pomona Salvador Nero ²	6 6 6	69	Amer Brit Neth	Weyerhaeuser S. S. Co Pacific Steam Nav. Co Royal Neth. S. S. Co.	Longview, Wash. Champ'ico, Guat. Tumaco, Colom.	Chester, Pa Cristobal, C. Z. Cristobal, C. Z.	General	10,637 418 433
Washington Mussolini 2	7 7	7 8	Amer Pan	States S. S. Co H. Obarrio	Portland, Oreg Darien, R. P	New York, N. Y. Cristolal, C. Z.	Lumber Bananas	4,554 70
Memnon K. I. Luckenbach. Black Osprey	7 7 7	 8 8	Amer	Sir. R. Ropner & Co Luckenbach Line Ministry of Shipping	N.Westm'er,B.C. Seattle, Wash Sydney, Aust'lia.	United Kingdom. Tampa, Fla Baltimore, Md.	Lum., spelter General Wheat	4,121 9,263 7,511
Fortuna 2 Hollywood	7 7	9 8	Pan	Elliot Ship. & Land Co. McCormick S. S. Co.	Darien, R. P Seattle, Wash	Cristobal, C. Z Philadelphia, Pa	Bananas Lumber, gen.	7,573
Doros Silverpalm ²	7 7	8		Royal Neth. S. S. Co. S. & J. Thompson.	Guayaquil, Ecua. Singapore, St. Sett	Curacao, N.W.1. New Orleans, La.	General	946 8,868
Ebba ² Sundance Yamazato Maru	8 7 8	9 8 9	Pan Amer Jap	Elliot Ship, & Land Co. Chile Nit, Sales Corp. Yamashita Line	Darien, R. P Tocopilla, Chile Kobe, Japan	Cristobal, C. Z Savannah, Ga Montevideo, Uru.	Bananas Nitrates General	35 7,516 1,960
Heranger ² Texan	8 8 8	9 8	Nor Amer	Intercoean Line	N.Westm'er, B.C. Portland, Oreg. Fraser Mills, B.C.	Liverpool, Eng. Boston, Mass. Alexandria, Egypt	General. Lumber, gen. Lum., lead	7,827 8,039 6,997
gottis.	9		Hond.	United Fruit Co	Pto. Arm'les, R.P.	New Orleans, La.	Coffee, gen	737
Marna Effingham	9 9	10 10	Dan Amer Pan	J. Lauritzen Lykes Bros. S. S. Co. Elliot Ship. & Land Co.	Salaverry, Peru. Manila, P. I. B'ventura, Col.	New York, N. Y. New Orleans, La. Cristobal, C. Z.	Nitrate, gen. Sugar, copra. Coffee, gen	2,580 7,995 1,255
Steel Voyager Cumberland	9 10	10	Amer Brit	Isthmian S. S. Lines N. Z. Shipping Co	Portland, Oreg Auckland, N. Z	Baltimore, Md United Kingdom.	Frozen, gen.	8,498 7,880
Leeds City Sambu ²	10 10		Brit Pan	Ministry of Shipping. Elliot Ship, & Land Co.	N.Westm'er,B.C. Panama, R. P.	United Kingdom. Cristobal, C. Z.	Metal, lum Empty drums	8,200

Tanker. ² Motor ship. ¹³ Lumber, canned goods. ¹⁴ Wood, coffee, balsam. ¹⁵ Coffee, rice, empty bottles.
 Rice, cocoa, general. ¹⁷ Lumber, canned goods.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices to individuals and companies, as of June 10, 1940:

Commodities	Unit	Price
Brass, bar, average.	. Lb.	\$0.20
Brass, sheet, average	. Lb.	.31
Bronze, Tobin, average	. Lb.	. 22
Gasoline, motor grade		. 13
Metal, yellow		. 27
Oakum, Navy, spun		. 20
Oakum, Navy, unspun		.17
Oil, gun and ice machine.		.36
Oil, engine, gas, light, in drums, No. 2135		.29
Oil, engine, gas, extra heavy, in cases, No. 2250.		31
Oil, engine, gas, extra heavy, in drums, No. 2250		31
Oil, kerosene, in drums.		11
Oil, marine, engine.		41
Paint, lead, white, dry		11
Paint, lead, white, in oil		10
Paint, lead, white, in oit		07
	- T	11
Paint, zinc oxide, in oil		05
		.06
Grease, yellow, cup, medium	7.7	.06
Grease, ycllow, cup, hard		03
Soda, ash		.03
Waste, cotton, colored		
Waste, cotton, white	. Lb.	10

THE PANAMA CANAL RECORD



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Volume XXXIII

Balboa Heights, C. Z., July 15, 1940

No. 12

Traffic Through the Panama Canal in June 1940

information and is required for the proper transaction of the public business.

The total vessels of all kinds transiting the Panama Canal during the month of June 1940, and for the same month in the two preceding years, are shown in the following tabulation:

		June 1940	June		
	Atlantic to Pacific	Pacific to Atlantic	to Total		1938
Ocean-going commercial traffic. Small commercial vessels ¹ . Noncommercial vessels:	39	173 36	369 75	479 75	445 93
United States Government Panamanian Government Colombian Government			55	37	32 1
For repairs. Others.	1	1 1	2	7	
Total	277	225	502	600	571

¹ Vessels under 300 net tons Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC 2

The following tabulation shows the number of vessels, Panama Canal net tonnage. tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve-month period ended June 30, 1940, as compared with the corresponding period ended June 30, 1939:

Month	No. vess			Canal net nage	Tons	of cargo	Tolls		
	1939-40	1938-39	1939-40	1938-39	1939-40	1938-39	1939-40	1938-39	
July August September October November December January February March April May June	458 489 489 466 402 470	429 468 438 494 505 509 525 501 553 496 506 479	2,254,398 2,247,009 2,119,418 2,068,665 2,178,556 2,116,424 2,056,658 1,782,977 2,099,902 1,704,951 1,871,095 1,644,313	1,933,816 2,177,699 2,005,241 2,276,194 2,302,333 2,336,011 2,380,916 2,282,318 2,586,580 2,278,326 2,341,894 2,268,679	2,317,697 2,385,039 2,445,700 2,386,314 2,472,503 2,361,176 2,337,943 2,123,574 2,279,432 2,081,483 2,319,372 1,788,783	2,025,660 2,171,674 1,998,464 2,359,673 2,223,830 2,374,395 2,393,360 2,206,963 2,664,068 2,472,504 2,538,949 2,437,087	\$1,974,380.72 1,964,776.48 1,855,574.22 1,815,210.24 1,915,075.38 1,840,096.98 1,795,241.88 1,567,416.06 1,832,416.98 1,508,200.86 1,648,035.78 1,428,249.78	\$1,694,205.00 1,890,050.74 1,741,895.46 1,977,706.76 1,984,014.72 2,031,017.04 2,062,454.16 1,996,735.66 2,252,156.28 1,999,851.16 2,053,502.16 1,977,431.94	
Total	5,370	5,903	24,144,366	27,170,007	27,299,016	27,866,627	21,144,675.36	23,661,021.08	

² Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measprement.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 tons measurement (Panama Canal net), which transited the Panama Canal during the month of June 1940. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific. Pacific to Atlantic.	39 36	1,708 1,502	\$1,281.60 1,306.98	242 1,383
Total	75	3,210	2,588.58	1,625

Traffic by Nationality of Vessels 3 for June 1940

Nationality	No. of vessels	Panama Canal net tonnage	Tolls	Tons of cargo
British Chilean Colombian Danish French Greck Honduran Italian Japanese Latvian Netherland Nicaraguan Norwegian Panamanian Peruvian Philippines Swedish	81 2 4 5 4 4 11 1 20 1 26 4 4 31 18 1 1 2 6	459,538 6,929 1,808 17,875 17,728 18,538 16,766 5,457 120,070 3,154 58,236 1,476 135,803 24,883 2,259 9,683 23,566	\$392,409.36 6,236.10 1,627.20 16,087.50 15,955.20 15,016.50 13,977.18 4,911.30 106,851.96 2,838.60 52,412.40 1,328.40 114,822.72 21,727.80 2,033.10 8,714.70 20,420.28	359, 104 8, 615 2, 556 19, 465 9, 649 15, 797 9, 406 1, 681 135, 442 6, 499 74, 146 2, 551 142, 882 31, 063 2, 222 14, 278 55, 110
United States Total.	369	720,544	630,879.48 1,428,249.78	898,317 1,788,783

³ Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Trade Routes for June 1940

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

		Atlantic to F	Pacific	Pacific to Atlantic			
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo	
United States intercoastal	40	198,879	202,184	42	203,869	321,982	
East coast United States and: Canada Central America South America Hawaiian Islands. Australaeja Philippines	1 9 17 6 6 6	3,788 13,188 81,756 26,029 32,950 32,660	6,000 10,058 42,018 22,640 32,733 43,479	1 5 24 4 4 11	1,778 9,056 100,678 16,380 19,615 60,876	3,226 2,831 193,778 28,826 33,395 89,252	
Far East East coast Canada and:	22	119,522	166,120	S	47,662	55,538	
United States. South America. Australasia	3 1 3	9,634 3,539 17,180	14,603 3,766 17,265	2	9,993	16,479 10,028	
Far East. Central America intercoastal. Central America and West coast South America. South American intercoastal.	1 1 5	974 1,918 10,181	2,152 3,607 4,422	1	5,964 6,728		
East coast South America and: United States. Canada	1 2	3,448 9,753	5,722 10,762	1	4,767	7,079	
Far East Balboa	2	11,764	11,218	1	5,409 1,526	1,960	
Cristobal and: Central America South America West Indies and:	4 16	2,568 13,609	2,501 11,256	7 17	5,256 13,720	2,589 15,120	
United States.		5,220		1	6,458		
Central America South America Hawaiian Islands	1 2 1	1,579 7,927 6,196	14,807	1	982	946	
Europe and: United States Canada South America Australasia Far East	2 22 5 11 1	9,418 113,380 27,389 78,491 7,410	8,044 17,453 24,800 11,200	15 7 16	73,399 37,284 118,889	120,629 49,948 117,242	

		Atlantic to F	acific	Pacific to Atlantic		
Trade route		Panama Canal nct tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
Egypt and: Canada South America	2	12,432		1	4,626	6,997
Africa and Canada. Around the world. Foreign vessels in ballast (United States intercoastal).	1	7,497 7,167	6,331	1 1	5,646 6,306	7,839 7,958
Total	196	877,446	695,141	173	766,867	1,093,642

Origin and Destination of Cargo by Major Areas, June 1940

The following table summarizes the origin of cargo passing through the Canal in June 1940, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

	Tons of cargo destined for—							
Origin	United States	Other North America	Asia	South America	Austral- asia	Total		
North America: United States. Other North America. Europe Miscellaneous.	206,332 16,535 3,203 16,041	39,981 4,768 3,502 625	210,272 121 11,200 11,018	44,358 32,623 15,771 3,993	30,358 22,421 21,619 400	531,301 76,468 55,295 32,077		
Total	242,111	48,876	232,611	96,745	74,798	695,14		

PACIFIC TO ATLANTIC

Origin	United States	Other North America	Europe	Miscel- laneous	Total
North America: United States. Canada Other North America	318,013 3,226 36,100	12,448	23,281 97,321	11,703 16,636	365,444 117,183 37,493
South America Australasia Asia	191,903 43,769 142,467	19,161 6,105 2,360	49,948 117,242	460 106	261,47 167,11 144,93
Total	735,478	41,467	287,792	28,905	1,093,64

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons during June 1940 or June 1939 are listed below:

Commodity	Ju	ne	Commodity	Ju	ine
Commodity	1940			1940	1939
Atlantic to Pacific Automobiles and parts. Canned food products. Cement. Chemicals. Coal and coke. Cotton, raw. Iron and steel. Machinery Manufactured goods 4. Metals, various Ores. Paper Paper Phosphate.	10,360 9,107 9,123 13,672 23,606 11,712 171,082 13,471 22,126 21,298 60,741 28,333 36,648 20,610	18,948 11,847 14,121 13,914 18,215 19,703 121,956 11,586 17,912 18,430 95,082 2,188 39,391 14,033	Pacific to Atlantic—Continued Beans, edible, dry Canned food products. Coffee Cold storage (food products). Flour. Guano Lumber Metals, various. Molasses and syrups. Nitrates. Oats. Oils, wegetable.	51,835 1,683 57,117 18,877	12,885 66,895 20,078 22,446 13,382 7,584 10,730 333,368 56,340 31,174 67,475 10,020 263,893 19,410
Railroad material Scrap metal Salt Sulphur Textiles Tinplate Pacific to Atlantic	$\begin{array}{r} 4,013 \\ 9,658 \\ 14,525 \\ 11,780 \\ 5,763 \\ 26,110 \\ \hline \end{array}$	10,862 133,214 5,284 21,282 12,131 26,015	Ores. Paper. Rubber, raw. Soy beans. Sugar. Wheat. Wood pulp.	104,162 60,877	166,844 13,157 2,940 12,570 169,838 112,228 23,638 16,215
Asphalt and tar		10,529 15,386			

⁴ Except as otherwise classified.

⁵ Cotton, silk, wool and rayon goods.

⁶ Except fresh fruit.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of June 1940, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

O Pi	United interc		Total for routes in U. S. inte	eluding
Commodity	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts. Agricultural implements. Alfalfa meal	298	43 68	236 2,133	4 9 6
Ammorium compounds	52 50	85	8,407 77	86
Animal foods ⁷ Apparel, wearing (hats, shoes, clothing, etc.) Asbestos Asphalt and tar	50 216 56	1 21,267	55 2,481 7,381 6,240	21,26
Aspessos Automobiles (and autotrucks) Automobile parts and accessories	1,257 585	56 36	6,240 4,120 65	2 5 4
Bags and bagging, textile Bamboo and products Bananas	1	54		84 3,32
Barks, miscellaneous		49 160 2,621	15	21 2,33 8,11
Beans, edible, dry Beer Blood and tankage	28	2,021	282	37
Books and printed matter	103	50 168	1,478 345 400	3.94
Borax Bran and pollards Bricks and tile	224	108	1 676	1,20
Camphor, crude	110	5,236	334	7,03
Fish. Fruit Meat	391 44	18,209 18	419 358	23,38 95
Milk	132 2,317 305	43	544 2,507 448	1,07
Soup. Vegetables. Miscellaneous and unclassified arbon black.	3,637	6,433 6,279	4,497 837	7,20
ement halk	1,127	1	9,123 550 99	3
Charcoal Chemicals 7 Clay, china and fire.	4 080	547 198	13,672 483	1,06
Day, china and fire Day, filtering Coal	180 710 152	77 11 1	275 19,819 1,207	1.08
Cocoa and cacao beans Coconuts and products ⁷ Coffee Cake	51 398	1,048 82 22	5,777 3,787	3,38 16,30
Coke Cold storage and refrigerated products: Dairy products.		65	310	19,69
Fish. Lard. Meats. Vegetables	98 42	21 45 62	62 209 797	41,20
Vegetables. Other and unclassified. Onfectionery. Opra. Opra Opra meal and cake.	23 602	165 33	54 655	$\frac{18}{3}$
Orn	40	83	6,177 11,712	5,09
Treosote Orugs and medicines Oyes	1,485	287	$19 \\ 1,981 \\ 347$	51
arthenware. ggs, dried leetrical apparatus and appliances.	44	64 33	186	14
Enamel and metalware	2,330 261 130	160 60	5,724 1,513 202	24 15
Extract, quebracho Pertilizers 7 'ish meal	671 513	69	1.168 8,155 513	
Floor coverings.	1,623	871	2,261	1,39

⁷ Except as otherwise classified.

Common Par	United intere	States oastal	Total for all trade routes including U. S. intercoastal		
Commodity	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic	
Tour, ruit, dried ruit, fresh ⁷ urniture and household goods	57 80 20 478	10,888 4,699 993	1,163 80 20 526	15,77 9,15 8,46	
Galinuts	14,559	3,198	50,531	7,50	
llass and glassware llue rains ⁷ .	1,453 101 84	25 72 180	$ \begin{array}{r} 3,465 \\ 101 \\ 416 \end{array} $	18	
roceries Gums	1,525	347 131	2,245	8 7	
fair, all kinds Lemp, unmanufactured.	83	232	87	3 5 3,7	
Ioney Iorns and hoofs		130	35	2	
nfusorial earthron and steel, manufactures of (structural steel, plates, bars, angles,	00.404	33	24	1	
pipe, etc.) vory nuts ard substitute	92,404	593	171,082	1,5 1,5	
ime iquors umber (including manufactured mill products)	1,098	227	50 3,844	2	
Iachinery	1,782 1,738	116,136 140	8,384 13,471 18	226,4	
lalt. lanufactured goods ⁷ . Larble and granite	8,426	586	$22,126 \\ 264$	2,0	
latchesletals:	277	164	277	1	
Antimony Chrome	69	2,957	5 20 2,039	25,1	
Copper Gold and silver Iron	333		31 8,055	90,1	
LeadTin	55 270	504 258	85 5,437	10,4	
Zinc Other and unclassified filk, powdered	10 1,588	22 53 319	539 5,087	10,98 38 69	
folasses and syrups fitrates (uts, edible (including meats)	130 85		288 485	51,8	
lats	42	417 286	1,810 48	$\frac{6}{1,6}$	
ris, inflerar:	158 20	11,078 9,904	11,175 18,179	21,0 9,9	
Gas and fuel. Gasoline, benzine and naphtha. Kerosene	22	23,672	2,259 91	23,7	
Lubricating and greases Other and unclassified ils, vegetable:	7,634	614 35	28,563 474	1,20	
Coconut. Cottonseed.	91		771	9,6	
Linseed. Olive. Pennit	280	107	431 450	10	
Peanut Rapeseed Teaseed				28	
Wood. Other and unclassified. il, fish.	129	17 1,586 73	715	2,40 5,70 20	
il, whale ilseeds (cotton, flax, hemp, sesame, rapeseed, etc.) ilseed cake and meal	45 504	119	473 834	1,15 1,15	
Ores: Antimony			22	4	
Chrome Copper Gold and silver	142	253	142 14,603	8,13 15,16 33	
Iron Lead			177	111,4 1,5	
Maganeste. Manganese	2,074	3,426 1,025	2,190	3,45 6,05	
Tin Zine Other and unclassified	86 32 51	15	306 767	4,1	
aints and varnishes	1,516 12,729	199	2,751	6	

⁷ Except as otherwise classified.

Commodity		l States coastal	Total for routes in U. S. int	cluding
Commounty	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Peas, dry Peatmoss Phosphates Porcelainware Potash	9 461 614	496 165 1,370	20,610 1,273 80	1,978 1,370
Rags and waste Railroad material Rice Rope and twine Rosin	177 74 242 115 1,300	1,002 18 33	825 4,013 334 601 5,212	524 4,792 145 33
Rubber: Manufactured	1,023	216	1,393 182 1,247 14,525	4,361 34,536 46
Sand Scrap metal. Seeds (except oilseeds) Shells, all kinds. Silk, raw	2,200 18	196 425	2,225 9,658 912 119	719 206 1,417 127 402
Skins and hides. Slag. Slate Soaps and products. Soda and sodium compounds:	1,615 2,035	929 37 325	1,615 2,379	3,449 37 399
Soda ash. Soda, caustic. Miscellaneous and unclassified. Soya beans.	394 301 367 667		593 2,198 1,030 667	100 39
Spices Sugar Sulphur Tale Tallow	125 135 12 41 37	26,412 97 48 191	173 135 11,780 44 37	520 104,162 98 48 7,395
Tex. Textiles Tinplate Tobacco and manufactures.	45 3,534 11,599 380	12 18 154	5,763 26,110 8,273	698 2,554 501
Toilet preparations Turpentine Vegetables, dry 7. Wall board Wax, paraffine.	162 104 7 106	188	227 167 281 656	708 947 44
Wheat Wines Wood pulp. Wool.	25 144 57 63	147 1,014 12,647 4,289	616 795 1,185 246	60,877 1,086 18,767 20,593
Total, June 1940.	206,332	318,013	695,141	1,093,642
Total, June 1939	222,386	415,136	825,835	1,611,252
Total, June 1938.	167,389	285,429	661,250	1,461,139

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal for the month of June 1940:

		Atlantic to Pa	eific	Pacific to Atlantic			
Trade route	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo	
United States intercoastal East coast United States and: South America				6 2	34,026 12,143	65,895	
Far East . Canada and West coast South America . Central America/Mexico intercoastal .	1	6,419 1,896	10,535		6,728		
East coast Central America and west coast South America. South America intercoastal.	1	1,918 6,119	3,607				
West Indies and: United States. South America		7,440		1	6,458		
Hawaiian Islands Europe and South America	1	6,196 5,153			5,153		
Total	14	80,918	28,417	11	64,508	75,827	

⁷ Except as otherwise classified. ⁸ Cotton, silk, wool, rayon goods.

Comparison of Canal Traffic in June 1940, with June Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

	Month of June			Month of June				Average per month for fiscal year				
Calendar year	No. of transits	Panama Canal net tonnage	Tons of cargo	Fiscal year	No. of transits	Panama Canal net tonnage	Tons of cargo					
1915. 1916. 1917. 1918. 1919. 1920. 1921. 1922. 1923. 1924. 1925. 1926. 1927. 1928. 1929. 1930. 1931. 1932. 1933. 1934. 1935. 1936. 1937. 1938. 1938.	9 140 120 165 166 154 190 189 222 412 374 365 401 433 473 494 468 384 468 384 405 481 472 445 472	(000 omitted) 461 352 488 531 478 651 704 887 1,782 1,622 1,839 1,990 2,060 2,175 2,180 1,903 1,611 1,758 1,867 1,974 2,265 2,266 2,065 2,269 2,664	(000 omitted) 567 483 630 629 586 834 695 977 2,096 2,023 1,920 2,133 2,228 2,147 1,757 1,404 1,690 1,767 2,081 2,460 2,670 2,122 2,137 2,147	1915 1916 1917 1918 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1931 1932 1933 1934 1935 1936 1937 1938 1938	10 100 60 145 165 165 199 232 222 325 429 382 424 441 521 524 502 447 432 449 449	(000 omitted) 334 184 447 506 472 659 879 880 1,434 2,016 1,761 1,909 2,020 2,269 2,299 2,310 2,140 2,140 2,143 2,160 2,124 2,143 2,160 2,224 2,163 2,164 2,264 2,014	(000 omitted) 466 258 588 627 576 781 966 907 1,631 2,249 1,996 2,311 2,468 2,554 2,502 2,089 1,650 1,513 2,059 2,109 2,209 2,342 2,282 2,382					

⁹ Canal opened August 15, 1914.

Terminal Activities

Ships repaired during the month of June numbered 67. Vessels released from drydock numbered 13. Fuel oil amounting to 450,180 barrels was delivered as bunkers to 189 commercial vessels. Bunker coal amounting to 11,509 tons was delivered to 18 commercial vessels. Sales of commissary supplies to ships aggregated \$64,150.28.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving. tons Local cargo shipped. tons Cargo received for transshipment. tons Cargo transshipped. tons "Canal Zone for Orders" cargo:	2,641 56,681	24,833 1,244 501 445	69,024 3,885 57,182 50,737
Number of receipts issued Number of releases issued. Tons received. Tons withdrawn	36	2 21 7 17	6 .57 26 54

All Vessels Entering and Clearing Port

		Port of Crist	obal	Port of Balboa			
	No.	Registered	Registered	No.	Registered	Registered	
	of	gross	net	of	gross	net	
	ships	tonnage	tonnage	ships	tonnage	tonnage	
Shirs entering All vessels, including those transiting Canal. Vessels entering port but not transiting Canal. Vessels transiting Canal and handling passengers and cargo at terminal ports	438	2,638,876	1,605,716	419	2,364,626	1,416,843	
	58	362,555	241,584	17	53,700	31,698	
	93	594,427	347,807	63	407,746	242,313	
Ships clearing All vessels, including those transiting Canal. Vessels clearing port but not transiting Canal. Vessels transiting Canal and handling passengers and care at terminal ports.	441	2,621,304	1,600,470	413	2,323,950	1,391,277	
	59	367,975	245,004	18	53,698	31,635	
	92	559,936	329,045	63	421,621	250,263	

¹⁰ Average for 101 months.

Jamaica, 1,270, 21

San Francisco, 0, 7

Marqui, 0, 57 Colombia, 1,377, 463 Cartago, 1,393, 81 Copiapo, 1,911, 0 Nero, 580, 517 Telde, 95, 0 Margaret Lykes, 866,

Musa, 488, 5

Marqui, 0, 57

Acajutla, 242, 0

Douro, 638, 185 Cadmus, 618, 1,126 Cefalu, 814, 161

Sofie Bakke, 0, 8

Explorer, 95, 0 Marchen Maersk, 0, 4

Dido, 4, 235

Belray, 0, 1 Socrates, 1, 0 American Legion,

Pasajero, 39, 0

Cardo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month of June 1940. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Ulua, 2,091, 88 Marymar, 236, 0 Pereira, 912, 731 Ancon, 3, 1,476 Meline, 146, 0 Crijnssen, 235, 2 Colombia, 0, 576 Colombia, 0, 576
Dona Aniceta, 179, 0
City of Elwood, 25, 0
Sambu, 0, 73
Santa Clara, 427, 43
Musa, 1,981, 1
Talamanca, 20, 20
Lochkatrine, 364, 903 Reinholt, 139, 0 Orduna, 0, 239 Thurland, Castle, 0, 20 Trondheim, 0, 13 Santa Marta, S34, 125 Losada, 2, 1,547 Kirsten B, 0, 1 Contessa, 906, 247 Copiapo, 20, 0 Socrates, 4,053, 4,405 Yamazato Maru, 1,109, American Legion, 154, 40 Commissaire Ramel, Santa Lucia, 172, 7 295, 1 Somerville, 0, 46 Istmo, 45, 8 Istmo, 45, 8 Orotava, 409, 886 Cefalu, 744, 170 Laura Maersk, 418, 0 Silverpalm, 0, 14 Cristobal, 5,835, 427 Modjokerto, 622, 0

Platano, 2,372, 1 City of Baltimore, 376, 0 Douro, 646, 125 Crijnssen, 13, 1,432 Quirigua, 790, 52 Inspiration, 735, 5 Ceres, 948, 4,485 Ceres, 948, 4,485 San Bruno, 1,241, 0 Sambu, 0, 100 Hermes, 2,369, 2 Santa Maria, 1,006, 9 Chiriqui, 344, 86 Nemours, 593, 0 Goyo Maru, 2,251, Chateau Thiorry, 10, 0 Red Jacket, 472, 77 San Mateo, 1,008, 175 Kano Maru, 254, 0 Trondheim, 0, 13 A. A. Radium, 1, 0 155 Fella, 1.501, 10 Pasajero, 1, 60 Lautaro, 0, 290 Lautaro, 0, 290 Douro, 0, 239 Panama, 6,090, 1,897 Jamaica, 272, 1,659 Inspiration, 994, 349 Nero, 477, 252 Salvador, 424, 0

Telde, 90, 845 Leonard Wood, 328, 1 Wisconsin, 408, 671 Doros, 484, 1,193 Draco, 0, 806 Dido, 2, 293 San Blas, 531, Colombia, 1,236, 0 Cardonia, 3,348, 1,082 M. E. Div. Barge 213, 0, 9 0, 9 Sambu, 17, 12 Wayfarer, 36, 0 Marna, 1, 9 Veragna, 317, 2,152 Republic, 203, 46 Colombia, 0, 662 San Rafael, 454, 419 Toloa, 837, 3 City of San Francisco. West Ivis, 253, 116 Malantic, 0, 1 Santa Barbara, 6, 3 Contessa, 605, 200 Kinai Maru, 434, 31 Helga, 0, 3 Comayagua, 1,383, 909 Port Antonio, 0, 809 Santa Elena, 302, 3 Custodian, 209, 0 Chiriqui, 291, 1,106

Imperial, 133, 44 Istmo, 767, 244 Barge 215, 0, 44 Sixaola, 1405, 205 Notos, 3, 754 Orotava, 277, 1,280 Hibueras, 0, 649 Somerset, 33, 0 Lagarto, 20, 377 Talisman, 229, 0 Pereira, 1,350, 183 San Mateo, 692, 0 Spevbank, 0, 463 Sakura Maru, 5, 0 Manto, 73, 0 Santa Lucia, 441, 12 Panama, 5,504, 456 Tanja, 0, 4 Nemours, 0, 1 Buenos Aires Maru, 1, 2 Grenanger, 94, 741 Cottica, 56, 593 Manto, 0, 701 Colombia, 1,268, 3 Bocas del Toro, 0, 10 Bocas del Toro, 0, 10 Parismina, 2,166, 0 Pericles, 3,786, 0 Istmo, 724, 0 Pereira, 1,211, 0 Santa Teresa, 3, 2 Santa Ana, 229, 105 Ancon, 4,522, 505 City of Los Angeles, 367, 10 Ochite, 155, 1,684 Orbita, 158, 1,684

Talamanca, 640, 1,521 Acajutla, 0, 476 Inspiration, 0, 1 Hokkai Maru, 586, 46 Veragua, 532, 34 Ulua, 726, 76 Draco, 72, 1 Port Halifax, 187, 0 Spica, 107, 0 Conte Biancamano, 2,0

1,043, 462

BALBOA

American Legion, 2,275, 352 Kirisima Maru, 0, 1 Watsonville, 4,303, 0 President Adams, 0, 4 Orduna, 1, 0 Douro, 0, 47 Esso Panama, 0, 5 Hollywood, 1, 0 Santa Barbara, 27, 0 Santa Teresa, 2, 0 Trondheim, 4, 0

City of Baltimore, 113, 0 Buenos Aires Maru, Reinholt, 1, 0 Esso Panama, 217, 9 Sophocles, 1, 0 Santa Elena, 3, 1 Talisman, 203, 0 Imperial, 2, 2 Orbita, 0, 3 Colombia, 1, 0

2,275,352 Republic, 259,263 41,5 Kirisima Maru, 0, 1 Maipo, 0, 14 Tela, 0, 1 Santa Lucia, 16, 2 Salvador, 0, 3 Pereicles, 0, 125 Conte Biancamano, 4,0 City of Los Angeles, American Legion, Pereira, 0, 8 298, 1 School Pereira, Laura Maersk, 171, 3 Commissaire Ramel, British Columbia Ex- San Francisco, 1, 0 press, 567, 0 Rancagua, 3, 0 Cadaretta, 3,532, 0 Acajutla, 0, 5 Colombia, 1, 0 Conte Biancamano, 1, 0 Acajutla, 0, 5 Kinugasa Maru, 2, 0 Heiyo Maru, 878, 4 Oregon Express, 1,522, 1 Fella, 0, 1 Panama Express, 1767, Santa Clara, 12, 21 Salvador, 2, 0

Red Jacket, 211, 3 Kano Maru, 3, 0 City of San Francisco, 4, 0 Tuira, 61, 0 Santa Ana, 458, 1

Lochkatrine, 835, 0

Rimutaka, 3, 0

2,342,0

Flying Cloud, 1,214, 100 Dunkeld, 0, 8 Santa Maria, 1, 3 Acajutla, 3, 0 Penguin, 41, 0 Conte Biancamano, 1, 0 San Bruno, 1, 0 Santa Teresa, 1, 0 Pereira, 0, 1 Colon, 78, 0 Santa Lucia, 33, 4 California Express, ,162, 0 Hokkai Maru, 1, 0

Note.—Figures shown represent short tons of 2,000 pounds.

Passengers

During June 1940, ocean-ship passengers debarking at Cristobal numbered 2,665; embarking, 2.329; at Balboa, 762 debarking and 911 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 4,369; from the Pacific to the Atlantic, 1,445. Commercial aircraft numbering 71 entered Cristobal with 527 passengers debarking; clearances were 68 with 576 embarking. Balboa entries of aircraft numbered 59 with 128 passengers debarking; clearances were 59 with 146 embarking.

Movements of Ocean Vessels Through the Panama Canal From midnight June 10, 1940, to midnight July 10, 1940

ATLANTIC TO PACIFIC

				ATLANTIC '	TO PACIFIC			
	rived	eared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long tons
Socrates 25	-31	11	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z. New York, N. Y.	Corral, Chile Seattle, Wash	General	3,307
West Carmargo Istmo	10 10	11 11	Amer Colom.	McCormick S. S. Co. Cia. Col. de Cabotaje.	Cartagena, Col.	Tumaco, Colom.	Salt, oil	5,998
Armadale 2	11	12	Brit	AmerAustralia Line.	Liverpool, Eng.	Sydney, Aust'lia.	General	811 5,181
Commissaire Ra-	9	14	Fr	Messageries Marit'es.	Liverpool, Eng Marseille, France	Noumea, N. Cal.	Iron, gen	1,897
mel. Maui	11	11	Amer	Matson Nav. Co	Portland, Me	S. Francisco, Cal.	General	5,170
Port Wyndham 2.	11	12	Brit	Port Line, Ltd	Portland, Me Liverpool, Eng.	Adelaide, Aust Quepos, C. R Gatun, C. Z Pedregal, R. P	General	6,725
Port Antonio	11	12	Nor.	United Fruit Co	Mobile, Ala	Quepos, C. R	C. I. pipe	736
Margaret Jane 5	10	12	Amer Pan	U. S. Army Elliot Ship. & Land Co.	Mobile, Ala Cristobal, C. Z Cristobal, C. Z	Pedregal R. P.	Ballast	12
Sambu ²	11	12	Neth	Mitspi Bussan Kaisva	Torrevieia, Spain,	Mon, Japan	Salt	11 200
Dakotan	11	13	Amer.	AmerHawaiian Line.	New York, N. Y. Houston, Tex	Tacoma, Wash Balboa, C. Z	General	6,250
Platte ¹ Maipo ¹	12 12	17	Amer.	AmerHawaiian Line. U. S. Navy Chilean Navy Yamashita K. Kaisya.	Vera Cruz, Mex.	Valparaiso, Chile.	General. Naval stores. Oil, gas	3,607
Yamagiri Maru 2.	12	13	Chile Jap	Yamashita K. Kaisva.	Buones Aires Are	Waha Janan	Cotton, gen.	6.804
Madras City	12	13	Brit	Reardon-Smith Line	Middlesb'gh,Eng.	Vancouver, B. C.	Ballast	
Davie 5,	12		Amer	U. S. Army	Cristobal, C. Z.	Gatun, C. Z	low. Darge	
Sona 2	11 11		Pan Pan	U. S. Army Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Davie 5. Tuira 2. Sona 2. Real 2.	11		Pan	Elliot Ship, & Land Co.	Middlesb'gh, Eng. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Vancouver, B. C. Gatun, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Chilo	Ballast	
Theofano Livanos	12	13	Greek.	Chile Nit. Sales Corp. Lykes Bros. S. S. Co.	Gibraltar	Cune	Ballast	7,400
Hybert North Wind	12 13	13	Amer	Weyerhaeuser S.S. Co.	Baltimore, Md.	Yokohama, Japan Seattle, Wash	Steel, gen	2,872
Sinaloa	13	13	Hond.	United Fruit Co	P. Castillo, Hond.	Seattle, Wash Golfito, C. R	Steel, gen R.R.material	2,152
	13	13	Amer	United Fruit Co	Pt. Arthur, Tex	Cutuco Salv	ASDBAIL, OII.	1 001
Aquarius	13	13	Amer	Lykes Bros. S. S. Co	Tampa, Fla	Manila, P. I	General Ballast	6,810
Aquarius Cubore YP-10 5 Spica 13 Bethore Lodestone Cocopio 6	13	14	Amer	Ore S. S. Corp.	Baltimore, Md Cristobal, C. Z New York, N. Y. Baltimore, Md Liverpool, Eng	Manila, P. I. Cruz Gr'de, Chile Balboa, C. Z	Ballast	
Spica 13	13	17	Amer	U. S. Army U. S. Navy Ore S. S. Corp.	New York, N. Y.	Bremerton Wash.	Ballast General	2,997
Bethore	13	14	Amer.	Ore S. S. Corp.	Baltimore, Md	Cruz Gr'de, Chile Vancouver, B. C.	Banast	
Oceania 6	13	14 14	Brit	Ministry of Shipping. Fred Perry	Miami, Fla	Los Angeles, Cal.	Ballast	
Azuma Maru 2	13	14	Jap	Nippon Yusen Kaisya	Boston, Mass	Kobe, Japan Tacoma, Wash	General	7,680
Harry Lucken-	14	14	Amer.	Luckenbach Line	Boston, Mass Boston, Mass	Tacoma, Wash	General	4,320
bach. Republic ⁸	14	15	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	2,021
Darlington Court ²	14	15	Brit	Seaboard Ship, Co	Leith England	Vancouver B C	Ballast	
Tortugas ²	14	15	Nor	Barber Line	Norfolk, Va. Cristobal, C. Z. Cristobal, C. Z.	Shanghai, China Gatun, C. Z Real, R. P.	Gen., steel	5,607
Col. Riche 5	10 14	14	Amer Pan	U. S. Army	Cristobal, C. Z.	Real R P	Ballast General	3
Sebago 14	14	16	Amer.	U. S. Government	N. London, Conn	Acapulco, Mex.	Rallast	
	14	16	Amer	U. S. Government U. S. Government	Hahana, Cuba	Acapulco, Mex	Ballast	8,629
Karmt 2	14 14	15 15	Nor Amer	Chile Nit. Sales Corp. Calmar Line	Baltimore, Md Philadelphia, Pa.	Valparaiso, Chile Seattle, Wash	Coal Steel, gen	9,105
Oakmar Winkleigh	14	15	Brit	British Government	San Juan, P. R	Vancouver, B. C.	Ballast	
1 om San redro.	14	15	Amer	McCormick S. S. Co.	Philadelphia, Pa Cristobal, C. Z.	Los Angeles, Cal.	General	4,644
Salvador Fresno City	15	15 16	Brit	Pacific Steam Nav. Co Canadian Transp. Co.	Immingham, Eng.	Champ'ico, Guat. Brit. Columbia.	General	509
President Van	15 15	16	Brit Amer	AmerPresident Lines	Boston, Mass.	S. Francisco, Cal.	Ballast General	6,517
Buren,								0 505
Red Jacket	14 15	16 16	Amer	Grace Line	Baltimore, Md Boston, Mass.	Valparaiso, Chile Portland, Oreg	General	8,505 5,185
Floridian Idler 6 Cuango 2 L-53 5 Mussolini 2 Colombia 2 Douro 2	13		Amer.	S. Alexander Bell	Boston, Mass Miami, Fla	Tahiti.	Ballast	
Cuango 2	15		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Tahiti Balboa, C. Z Balboa, C. Z Balboa, C. Z	Ballast	
L-53 5	15 14		Amer. Pan	H. Oharrio.	Cristobal, C. Z.	Balboa, C. Z	Tow. barge	
Colombia 2	10	16	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col	Ballast General	750
Douro	14	16	Neth	Royal Neth, S. S. Co.		B'ventura, Col Auckland, N. Z Guayaquil, Ecua.	General	102
W OOLGAT	15 13	16 16		Norwegian Govt Royal Neth. S. S. Co.	Galveston, Tex .	Auckland, N. Z.	Sulphur General	4,100
Draco ² . Helga Silveray ² .	15	16		J. Lauritzen	Cristobal, C. Z. New York, N. Y.	Talcahuano, Chile	General	1,393
Silveray 2	15	16	Brit	Furness, Withy & Co. Sun Oil Co	Manchester, Eng.	Vancouver, B. C.	General	1,402
Pennsylvania Sun. 1 2	15	16	Amer	Sun Oil Co	Chester, Pa	Los Angeles, Cal.	Ballast	
	15	16		Ore S. S. Corp	Baltimore, Md	Cruz Gr'de, Chile	Ballast	
Marore	15	16	Swed .	Isbrandtsen-Moller	Baltimore, Md Norfolk, Va New York, N. Y.	Yokohama, Japan	General	2,781
Azumasan Marn ²	16	17	Jap Pan	Mitsui Bussan Kaisya	New York, N. Y.	Kobe, Japan	Mach., gen Ballast	7,781
Nathan 2	16		Pan	H. Obarrio E. J. Hooper	Cristobal, C. Z.	Balboa, C. Z. Gatun, C. Z. Aguadulce, R.P.	(16)	20
Colon ²	15	16	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z New York, N. Y.	Aguadulce, R.P.	Ballast (16) Sugar General	7 126
San Ratael Griffco	14 16	17 17	Amer Brit	Quaker Line Canadian Transp. Co.	New York, N. Y. Pt. of Spain, Trin.	Portland, Oreg S.MarcosIs., Mex.	Ballast	7,136
Shickshinny	16	17 17	Amer.	Isthmian S. S. Lines.	Mobile, Ala	Hilo, T. H	General	6,736
Ensley City	17	17	Amer.	Isthmian S. S. Lines	Baltimore, Md	Tacoma, Wash	Steel, gen	6,417
	Mot	or ol	oin 3 N	Actor sahooner 5 Laur	nch 6 Vacht 13	Auxiliary 14 Co	act Guard 1	5 Phos-

¹ Tanker, ² Motor ship. ³ Motor schooner, ⁵ Launch, ⁶ Yacht, ¹³ Auxiliary, ¹⁴ Coast Guard, ¹⁵ Phosphate, coke, etc. ¹⁶ For bananas and return to Cristobal.

				ATLANTIC TO PAG	Continued			
	rrived	leared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For-	Nature	Long tons
Tarn 2	17	17	Nor	Norwegian Govt	New York, N. Y.	Shanghai, China	General	7,730
Industria	17 16	18 17	Brit	Seaboard Ship. Co McCormick S. S. Co.	W. Har'pool, Eng Buenos Aires, Arg.	Vancouver, B. C. Vancouver, B. C.	Ballast Coffee, nuts .	6,350
West Ivis Oakworth ²	17	17	Brit	Ministry of Shipping	Avonmouth, Eng.	Vancouver, B. C.	Ballast.	0,550
Malantic Lewis Lucken- bach.	17 17	18 18	Amer	Ministry of Shipping Wessel, Duval & Co Chile Nit. Sales Corp	New York, N. Y. Alexandria, Egypt	Talcahuano, Chile Chile	General Ballast	3,766
West Quechee	18	18	Amer.	Chile Nit. Sales Corp.	Gulfport, Miss	ChileVancouver, B. C.	Ballast	
Weirbank 2	18 18	18 19	Brit	Ministry of Shipping	Leith, England	Vancouver, B. C.	Ballast	
El Grillo ¹ Kinka Maru ²	18	18	Brit Jap	C. T. Bowring & Co Kokusai Kisen Kaisya	Ellesmere, Eng Baltimore, Md	LaLibertad, Ecua. Shanghai, China.	Ballast (14)	8,183
San Bruno	17	18	Pan	United Fruit Co	New Orleans, La.	Pto, Arm'les, R.P.	Ballast	
Lehigh	18	19	Amer	AmerPioneer Line	New York, N. Y. Baltimore, Md Cristobal, C. Z.	Adelaide, Aust Manila, P. I	General Steel, gen	4,474
Steel Seafarer Col. Riche 5	18 17	19	Amer.	Isthmian S. S. Lines. U. S. Army	Cristobal C Z	Gatun, C. Z	Tow. barge	8,192
Maravi Monsuco ²	18	19	Pan	United Fruit Co.	Boston, Mass	Quepos, C. R Manila, P. I	General	3,343 7,022
Monsuco 2	18	19	Phil	M./V. Monsuco, Inc. Fred Olsen & Co	Boston, Mass New York, N. Y.	Manila, P. I.	(15)	7,022
Abraham Lincoln ² Santa Ana	19 18	19		Grace Line	New York N V	Vancouver, B. C. SanAntonio, Chile	Ballast General	5,477
Santa Ana	18	20	Amer.	Grace Line	Liverpool, Eng. New York, N. Y. New York, N. Y.	Callao, Peru	General	2,634
Arkansan	19	20		AmerHawaiian Line.	Boston, Mass		General.	4,342
Winslow 5	19		Amer. Pan	U. S. Army Elliot Ship & Land Co.	Boston, Mass Cristobal, C. Z Cristobal, C. Z	Gatun, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Auckland, N. Z.	Tow. barge Ballast	
Tuira ² . Sona ² . Real ² .	18		Pan	Elliot Ship & Land Co	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Liverpool, Eng.	Balboa, C. Z	Ballast	
Sona 2	18		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balhoa, C. Z	Ballast	
Fordsdale	18 19	20	Pan . Brit	Elliot Ship, & Land Co.	Liverpool Eng	Auckland N.Z.	Ballast General	8,639
Minerva 2	19	20	Nor	Shaw, Savill & Albion Chile Nit. Sales Corp.	Baltimore, Md		Coal	8,955
Lahaina	19	20		Isthmian S. S. Lines	Mobile Ala	Tacoma, Wash Seattle, Wash Cebu, P. I Balboa, C. Z	Gen., steel	8,955 7,829
North Haven Marchen Maersk ²	20 20	2: 21	Amer Dan.	Matthewson Ship. Co.	Albany, N. Y Boston, Mass.	Seattle, Wash	General	5,062 5,800
Bushnell 13 Akagi Maru 2	20		Amer.	Ishrandtsen-Moller U. S. Navy	Will stad, N.W.I.	Balboa, C. Z	Ballast	
Akagi Maru 2	21	21	Jap	Nippon Yusen Kaisya	Philadelphia, Pa	Kobe, Japan Brit. Columbia	Lub. oil, gen.	8,080
Queen Maud 2 Samuel Bakke 2	20 21	21 22	Brit Nor	Thos. Dunlop & Sons. Knut Knutsen O.A.S.	London, England Liverpool, Eng	Vancouver, B. C	Ballast Ballast	
Texas Sun 1 2	21	21 22	Amer.	Sun Oil Co	Chester, Pa	Los Angeles, Cal.	Ballast	
Titanian 2	21	22		Furness, Withy & Co.	Botwood, Nfld	Tacoma, Wash Portland, Oreg	Copper con.	8,203
Chas. Christen-	21	22	Amer.	Arrow Line	Bridgeport, Conn	Portland, Oreg	General	6,419
Maria Cristina 3	21	21	Pan	A. Tagaropulos	Cristobal, C. Z.	Real, R. P	General	3
Winslow 5 Woodcock 10	19 20		Amer.	U. S. Army U. S. Navy	Cristobal, C. Z Cristobal, C. Z Liverpool, Eng.	Gatun, C. Z Balboa, C. Z	Ballast	
Orbita	20	22	Amer Brit	Pacifie Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	Ballast General	3,831
Oneen Anne 2	21	22	Brit	Thos, Dunlop & Sons.	Immingham, Eng.	Melbourne, Aust.	Ballast	
K .I Hanna l	22 22	22 22	Amer	Standard Oil of Calif. Calmar Line	Baltimore, Md Baltimore Md	S. Francisco, Cal.	Ballast Steel, gen	6,933
Portmar	22	23	Brit	Stephens Sutton, Ltd	N. Shields, Eng.	Seattle, Wash Vancouver, B. C.	Ballast	0,900
receiore	22	22	Amer.	Ore S. S. Corp	Baltimore, Md Houston, Tex	Cruz on de, Chile	Ballast	
Jacob Luckenbach	22 22	23 23		Luckenbach Line	Houston, Tex New York, N. Y.	S. Francisco, Cal. Seattle, Wash	General	6,777
Susan V. Luck- enbach.		43	Amer	Edekenbach Line	New Tork, N. T.		General	4,647
Diamond Head	22	23		Matson Nav. Co	Savannah, Ga	Honolulu, T. H. Balboa, C. Z. Balboa, C. Z. Gatun, C. Z. Gatun, C. Z. Gatun, C. Z.	(16)	3,200
Mussolini 2 Ebba 2	21 22		Pan Pan	H. Obarrio Elliot Ship. & Land Co.	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Curação, N.W.I.	Balboa, C. Z	Ballast	
Ebba ²	13		Amer	U. S. Army	Cristobal, C. Z.	Gatun, C. Z	Tow. barge	
Nathan ² J-SS ⁵	22 22		Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z	(17) D = 11 = =4	20
Istmo.	$\frac{22}{20}$	23	Amer Colom.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z B'ventura, Col	Ballast General	256
Istmo. Notos ² .	22	23 23		Royal Neth. S. S. Co	Curacao, N.W.I.	Guayaquil, Ecua.	General	547
Heffron City of Man-	23	23	Amer	Weyerhaeuser Line	MEN TOLK, IN. I.	Seattle, Wash	Steel, gen	7,177
chester.	23	24	Brit	AmerAustralian Line	Philadelphia, Pa.	Adelaide, Aust	General	6,118
Borgestad 2	23	23		Canadian Transp. Co.	Sorel, Canada	Tacoma, Wash	Copper con	6,400
Colombia 2	21	24 24		Elliot Ship. & Land Co.	Cristobal, C. Z. Baltimore, Md.	B'ventura, Col.	General	525 6 563
Black Falcon	21 23 22	24	Amer Pan	Isthmian S. S. Lines Elliot Ship, & Land Co.	Cristobal, C. Z	Seattle, Wash Balboa, C. Z Balboa, C. Z.	General Ballast	6,563
	22		Pan	Elliot Ship, & Land Co.	Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z.	Ballast	
J-67 5	23 22 22	24	Amer.	U. S. Army United Fruit Co.	Cristonal, C. L.	Gatun, C. Z.	Ballast	1,692
OrotavaLagarto 2	22	24	Hond Brit	Pacific Steam Nav. Co	New Orleans, La. Liverpool, Eng.	Acajutla, Sal. Valparaiso, Chile.	Cement, gen. General	5,457
Nero	22	24 24	Neth	Royal Neth. S. S. Co	Cristobal, C. Z.	Guayaquil, Ecua.	General	338
Nankai Maru ² Agwidale	24	24	Jap	Osaka Syosen Kaisya	Liverpool, Eng.	Kobe, Japan.	(18)	6,221
Merchant Prince 2		24 25	Amer Brit	Isthmian S. S. Lines. Ministry of Supply.	Baltimore, Md Gr'gem'th, Eng.	Hawaiian Islands Vancouver, B. C.	Ballast	3,248
City of Glasgow	24	25	Brit	MAN. Z. Line	Montreal, Canada	Sydney, Australia Portland, Oreg.	General	6,143
Nebraskan Coloradan	24 25	25 26	Amer	AmerHawaiian Line. Isthmian S. S. Lines	Boston, Mass	Portland, Oreg Bangkok, Siam	General.	4,374 9,354
Oloraudii	20	20	Amer.	15thman 5, 5, Lines	Baltimore, Md	Dangkok, olam	Steel, gen.	0,004

¹ Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ¹⁰ Mine sweeper. ¹³ Survey ship. ¹⁴ Tinplate, tobacco, asbestos, etc. ¹⁵ Fertilizer, general. ¹⁶ Steel products, general. ¹⁷ For hananas and return to Cristobal. ¹⁸ Steel, wire, general. ¹⁹ Construction steel, general.

	P	р						
71.	Nation-		Line	Po	ort	Cargo		
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Pereira	23 25	25	Pan Amer	Grace Line Isthmian S. S. Lines	Cristobal, C. Z.	B'ventura, Col	General	179
Steel Trader Hawaiian	25	26 26		AmerHawaiian Line.	Baltimore, Md Baltimore, Md	Hongkong, China Tacoma, Wash	General	8,585 5,786
Hawaiian Buenos Aires Maru. ²	25	26		Osaka Syosen Kaisya.	Buenos Aires, Arg.	Kobe, Japan	Hides, gen	4,414
J-86 ⁵ . Capella ⁸ Kagu Maru ²	25		Amer	U. S. Army U. S. Navy	Cristobal, C. Z.	Gatun, C. Z Mare Ild., Calif	Ballast General	2,040 7,169
Kagu Maru 2	26 26		Jap Hond.	Kokusai Kisen Kaisya United Fruit Co	Norfolk, Va Pt. Tampa, Fla Mobile, Ala	Tokuyama, Japan Pto. Arm'les, R. P.	Cotton, oil Ballast	7,169
Tela	26	27	Brit	Athel Line, Ltd	Rerminda B W I I	Hamaiian Islanda	Ballast	
Rappael Semmes	26 25	27	Amer Pan	States Marine Corp Elliot Ship, & Land Co.	Baltimore, Md Cristobal, C. Z Cristobal, C. Z	Balboa, C. Z. Balboa, C. Z. Balboa, C. Z. Lyttleton, N. Z. Balboa, C. Z.	General	7,729
Sona ² . Ebba ² . Real ² .	25		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast Ballast	
Real 2 Akaroa	25 26	27	Pan Brit	Elliot Ship. & Land Co. Ministry of Shipping	Cristobal, C. Z. London, England	Lyttleton, N. Z.	Ballast General	4,173
Akaroa. Tattnall ⁹	-31 25		Amer.	U. S. Navy Royal Neth. S. S. Co.	London, England Norfolk, Va Pto. Barrios, Guat	Balboa, C. Z	Ballast	402
Laurits Swenson 2	26	28		Fred Olsen & Co	Liverpool, Eng.	B'ventura, Col Vancouver, B. C.	General Ballast	
Santa Lucia Davie 5	26 22	28	Amer.	Grace Line	Liverpool, Eng New York, N. Y. Cristobal, C. Z Brooklyn, N. Y.	SanAntonio, Chile	Ballast General Tow, barge .	3,374
American Legion 8	27		Amer	U. S. Army	Brooklyn, N. Y.	Balboa, C. Z	General	2,402
Navajo 4	28 15	28	Amer Neth	U. S. Army U. S. Navy Royal Neth. S. S. Co.	Cristobal, C. Z	Gatun, C. Z Balboa, C. Z Balboa, C. Z Corral, Chile	Ballast General	3.450
California Star 2	27 25 27	28	Brit	Ministry of Shipping.	London. England	Brisbane, Aus'lia. Balboa, C. Z	Ballast	7,586
Platte 1	27	28	Amer	U. S. Navy Nippon Yusen Kaisya Texas Oil Co	London. England Houston, Tex Boston, Mass	Dairen, China	Fuel oil Iron, steel	7,469
Britannia 1 2, Ridley 2	27	28	Nor Brit	Texas Oil Co Stephens, Sutton, Ltd.	New York, N. Y. S'ampton, Eng.	Loc Angoles ('al	Ballast	
Ridley ² . Piako Grenanger ² . Glimmaren ² .	28 28	28	Brit	N. Z. Shipping Co	London, England Buenes Aires, Arg.	Fiji Islands Wellington, N. Z. Vancouver, B. C.	General General	2,811
Grenanger 2 Glimmaren 2	27	29 29	Nor Swed	Westfal, Larsen & Co. Transatlantic S. S. Co.	Buenos Aires, Arg.	Los Angeles, Cal.	Corn	4,412 5,722
Lillian Lucken-	28	29	Amer.	Luckenbach Line	Rosario, Arg Boston, Mass	Seattle, Wash	General	5,600
bach. Maria Cristina ³	28	28	Pan	A. Tagaropulos	Cristobal, C. Z.	Real, R. P	General	3
Winslow 5 J-26	21 25		Amer	U. S. Army U. S. Army	Cristobal, C. Z Cristobal, C. Z	Real, R. P Gatun, C. Z	Ballast	
Inspiration	9.0	90	Nie	Cia. Col. de Cabotaje.	Cartagena, Col. New Orleans, La.	Tumaco, Colom,	Ballast Salt, gen Ballast	842
Chilore	28 29 29	29 29	Hond	United Fruit Co Ore S. S. Corp	New Orleans, La. Baltimore, Md	Pto.Arm'les, R. P. Cruz Gr'de, Chile	Ballast	
King James 2	29	30 29	Brit	King Line	Hull, England	Australia B'ventura, Col	Ballast	
Alamar	29	30	Pan	Elliot Ship, & Land Co. Calmar Line	Cristobal, C. Z. Baltimore, Md Cristobal, C. Z.	Seattle, Wash	Passengers Steel, gen	8,808
Colombia ² Alamar Nathan ² Arizonan	28 29	30	Pan	E. J. Hooper	Cristobal, C. Z. Boston, Mass	Seattle, Wash Gatun, C. Z. ¹³ Taeoma, Wash	General	4,141
Cape of Good	30			British Government.	Liverpool, Eng.	Los Angeles, Cal.	Ballast	
Hope. 2 Acajutla	20	30	Brit	Pacific Steam Nav. Co	Cristobal, C. Z.	Champ'ico, Guat.	General	629
Black Hawk	29 24	30	Amer	Isthmian S. S. Lines Royal Neth S. S. Co.	Baltimore, Md Curacao, N.W.I.	S. Francisco, Cal. Guayaquil, Ecua.	General	4,963
Davie 5	28 28 29	30	Amer.	U. S. Army Elliot Ship. & Land Co.	Cristobal, C. Z.	Gatun, C. Z	Tow. barge	
Acajutla Black Hawk Manto ² Davie ⁵ Ebba ² Tuira ² J-62 ⁵ Parismina Poelau Tello ² Teyns ¹	29 29	30		Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Gatun, C. Z Balboa, C. Z Balboa, C. Z	Ballast	
J-62 5	6		Amer.	III S Army		Grainn, C. Zi	Rallact	
Parismina Poelau Tello ²	30			United Fruit Co N. V. S. S. Co., Neth. The Texas Co	Boston, Mass. New York, N. Y. Pt. Arthur, Tex. New York, N. Y.	Pto.Arm'les, R.P. Java, N. E. I.	Ballast General (14) General	9,545
Texas ¹	1	1	Amer.	The Texas Co N.V.Stoomv.Maatsch	Pt. Arthur, Tex.	Los Angeles, Cal. Surabaya, Java	(14) General	9,455
Mayari	1	2	Pan	Revere Sugar Refin'y		B'ventura, Col	Sugar	0,140
Hanley	2 2		Amer	Pae. Coast Dir. Line. Panama-Pacific Line.	New York, N. Y. New York, N. Y. Baltimore, Md.	Tacoma, Wash. S. Francisco, Cal.	General	5,540 3,494
Atutasan Maru 2	2 2	2	Jap	Mitsui Bussan Kaisya	Baltimore, Md	Moji, Japan Cabo Bl'co, Peru.	Gas'line, gen.	8,064
El Mirlo 1 2 Black Gull	2	3	Amer.	C. T. Bowring & Co. Isthmian S. S. Lines.	Birkenhead, Eng. Mobile, Ala	I Seattle, Wash	Ballast Steel, gen	+6.999
Herma Gorthon Mathew Lucken-	$\frac{1}{2}$	2 2	Swed	Joh. Gorthon Luckenbach Line	Mobile, Ala Houston, Tex	Vancouver, B. C. Seattle, Wash	General	2,734
bach.			1					
Sommelsdyk 2 Col. Riche 5	25	3	Neth Amer	Holland-Amer. Line U. S. Army	New York, N. Y. Cristobal, C. Z. New York, N. Y.	Soenj'rong, N.E.I. Gatun, C. Z	General Tow. barge	9,897
Col. Riche 5 President Harri- son.	3	4		AmerPresident Line.	New York, N. Y.	Round the world	General	6,261
La Estancia ² Santa Barbara ²	3	4		British Government	Hull, England	Sydney, Aust'lia.	Ballast	
Santa Barbara 2 Amerikaland 2	3	2 4	Amer	Grace Line Ore S. S. Corp.	Hull, England New York, N. Y. Baltimore, Md Galveston, Tex	Sydney, Aust'lia. Callao, Peru Cruz Gr'de, Chile	Ballast Ballast	1,540
A STATE OF THE PERSON AS A STATE OF THE PERSON	- 0	1 1	wired	OLO DI DI COI PI	20000111 200011	70 337 1	0 1 1	6,550
Herman Frasch Davie 5	$\frac{1}{30}$		Amer	Union Sulphur Co U. S. Army U. S. Army	Galveston, Tex Cristobal, C. Z Cristobal, C. Z	Tacoma, Wash Gatun, C. Z Gatun, C. Z	Sulphur Tow. barge	

¹ Tanker, ² Motor ship, ³ Motor schooner, ⁴ Tug, ⁵ Launch, ⁸ Transport, ¹³ For bananas and return to Cristobal. ¹⁴ Lubricating oil, petroleum products.

	rived	eared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For	Nature	Long tons
King Stephen 2.	3		Brit	Dodd, Thomson & Co.	Swansea, England	Wellington, N. Z.	Corkboard.	268
West Madaket	4	4	Amer Brit	Waterman S. S. Co	Baltimore, Md. New York, N. Y.	Everett, Wash Sydney, Aust'lia. Balboa, C. Z Pedregal, R. P	General	5,488 7,097
City of Athens Southern Cross 6.	4	5	Pan	AmerAust. Line Southern Cross S. A.	Miami Fla	Balboa C Z		
Sombu 2	2	4	Pan	Elliot Ship. & Land Co.	Miami, Fla Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	Pedregal, R. P.	Ballast (15) General Ballast	9.
Real ²	2	4	Pan	Flliot Ship & Land Co.	Cristobal, C. Z	Pto Arm les, R.P.	General	3
S-42 7			Amer.	U. S. Navy U. S. Navy U. S. Navy U. S. Navy	Cristobal, C. Z	Balboa, C. Z Balboa, C. Z	Ballast	
S-44 7			Amer	U. S. Navy'	Cristobal, C. Z.	Balboa, C. Z	Danast	
S-40 '	• • • •		Amer	II S Novy	Cristobal, C. Z.	Balboa, C. Z Balboa, C. Z	Ballast	
Sanyo Maru 2	4	5	Jap	Osaka Syosen Kaisya.	New York, N. Y.	Kobe, Japan	(16)	7,41
Nevadan	4	5	Amer.	AmerHawaiian Line.	Poston Moss	Portland, Oreg	Ballast Ballast (16) General (17) General	3,81
Chipana	4	5	Amer	Grace Line. Isthmian S. S. Lines.	New York, N. Y. Baltimore, Md New York, N. Y. Cristobal, C. Z. Cristobal, C. Z.	Valparaiso, Chile.	General	4,12
Oregonian	4	6	Amer	Isthmian S. S. Lines.	Baltimore, Md	Singapore, St. Set.	General	5,48
Nightingale Mallard 10	4	0	Amer	Grace Line	Cristobal C Z	SanAntonio, Chile	Ballast	0,40
Maria Cristina 3. 1	5	5	Pan	A. Tagarorulos	Cristobal, C. Z	Balboa, C. Z Real, R. P	General	
Sona 2,	2		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General,	1
Sona ² . Woodcock ¹⁰ . Foa Maru ¹ ²	3		Amer	U. S. Navy	Cristobal, C. Z. Cristobal, C. Z. Tuxpan, Mexico	Balboa, C. Z	Ballast	
Toa Maru 1 2	5	6	Jap	lino Shoji Kaisya	Tuxpan, Mexico.	Shimozzu, Japan. Balboa, C. Z.	Crude oil	12,03
Elusa 1 2	5	٠. ـ	Neth	Anglo-Saxon Pet. Co.	Curação, N. W. I. Brooklyn, N. Y. Cristobal, C. Z.	Balboa, C. Z.	Fuel oil	9,03
Leonard Wood 8 Fred Talbot	24	7	Amer	U. S. Army U. S. Navy	Cristobal C Z	S. Francisco, Cal. Balboa, C. Z.	General Ballast	3,49
Pacific Exporter 2	.5	6	Brit	Furness-Pacific Line.	Manchester, Eng.	Vancouver, B. C.	General	1,71
Chickasaw City	5		Amer.	Isthmian S. S. Lines.	Manchester, Eng. New York, N. Y.	Rangoon, Burma.		
Walter A. Luck-	5	7	Amer	Isthmian S. S. Lines. Luckenbach Line	Boston, Mass	Seattle, Wash	General	4,94
enbach.		~	D		0:41107	Di Cal	C1	1 00
Colombia 2	3	7	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z Cartagena, Col	B'ventura, Col	General	1,09
Cuango 2	5	7 6	Neth . Pan	Royal Neth. S. S. Co. Elliot Ship, & Land Co.	Cristobal C Z	B'ventura, Col	Ballast	
Jussolini 2	5	6	Pan	H. Obarrio	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Nathan 2	5		Pan	E. J. Hooper	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z.	Balboa, C. Z. Balboa, C. Z. Gatun, C. Z. 14		2
Oraco ² . Cuango ² . Mussolini ² . Vathan ² . Curaca.	5	7	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	Gen., explos.	
Zacapa	6	7	Amer.	United Fruit Co	Mobile, Ala Coatzac'lcos, Mex	Pto.Arm'les, R.P.	Ballast	
Calmar	6	10	Pan	Jose Ordorica	Baltimore, Md	Acapulco, Mexico Seattle, Wash	Ballast Steel, gen	7,66
Dona Aniceta 2.	6	7 7 7 8 7	Amer P. I	Calmar Line De La Rama S. S. Co.	Baltimore, Md	Manila, P. I.	General.	4,66
Vamaznki Maru 2	6	7	Jap	Yamashita Kisen K.	Buenos Aires, Arg.	Kobe, Japan	Cotton, logs.	7,10
Hamakua	7	7	Amer	Matson Nav. Co. Shaw, Savill & Albion United Fruit Co.	Baltimore, Md	Kobe, Japan Hile, T. H	General	15.30
Wairangi 2	7	8	Brit	Shaw, Savill & Albion	London, England	Auckland, N. Z. Quipos, C. R. Cruz Gr'de, Chile	General	9,72
Hamakua Wairangi ² Felde	5	7	Hond.	Ore S. S. Corp.	New Orleans, La. Baltimore, Md	Cruz Gr'de Chile	General Ballast	1,35
	7	- 8	Amer. Hond.	United Fruit Co	Boston, Mass.	Pto Armiles R P	General	80
Fuira 2	6		Pan.	Elliot Ship. & Land Co.	Boston, Mass. Cristobal, C. Z. Cristobal, C. Z. Liverpool, Eng.	Balboa, C. Z Gatun, C. Z	Ballast	
Fuira ² . J-84 ⁵ .	6		Amer	U. S. Army	Cristobal, C. Z.	Gatun, C. Z	Rallast	
	5	8	Brit	Pacific Steam Nav. Co	Liverpool, Eng	varparaiso, Chile.	General.	4,99
W. H. Berg 1 Goyo Maru	7	- 8	Amer.	Sun Oil Co	Marcus H'k, Va. New York, N. Y.	Los Angeles, Cal. Misumi, Japan	Ballast	7,69
Kinugasa Maru ² .	8 8	8	Jap Jap	Kawasaki K. Kaisya. Kokusai K. Kaisya.	New Tork, N. 1.	Kobe, Japan	Steel, gen	7,65
Wind Rush	- 8	8	Amer.	Wessel, Duval & Co.	Newp't News, Va. New York, N. Y.	Talcahuano, Chile	General.	5,45
l'rontolite 2	- 8	8	Brit .	Imperial Oil Co. Royal Neth. S. S. Co.	Chester, Pa. Cristobal, C. Z.	Talara, Peru	Ballast	
Nero 2	6	8	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	Ballast General	26
Panaman	8	9	Amer.	AmerHawaiian Line.	Baltimore, Md.	Seattle, Wash Manila, P. I	General	4,81
Pharles P Ma	8	9	Swed Amer	Isbrandtsen-Moller AmerPresident Lines	New York, N. Y. New York, N. Y.	Penang, St. Sett.	General	2,58 5,63
Charles R. Mc- Cormick.	0	9	Ашег	Amer1 resident Lines	New Tork, IV. I.	Tenang, et. bew.	Cicheran	0,00
Vinslow 5	5		Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
City of San Fran-	9	10	Amer	Panama-Pacific Line	Cristobal, C. Z New York, N. Y.	Penang, St. Sett.	General	3,95
cisco.			D 1				TO 11 (
Napier Star	8	9	Brit	Ministry of Supply.	London, England	New Zealand	Ballast	7,24
Mokihana Dixie ¹³	8	9	Amer	Isthmian S. S. Lines U. S. Navy	Portland, Me Norfolk, Va	Tacoma, Wash San Diego, Calif	Steel, gen	1,24
Faranger 2	- 8	10	Nor	Interocean S. S. Co.	Bordeaux, France	Los Angeles, Cal.	Ballast Ballast	
Pereira6	-30	10	Pan	Elliot Ship. & Land Co.	Bordeaux, France Cristobal, C. Z	Los Angeles, Cal. B'ventura, Col	General	10:
Faranger 26 Pereira6 Lochmonar 2	7	11	Brit	Royal Mail Line, Ltd.	London, England	Vancouver, B. C.	Tinplate,gen	6,22
mperial 2	9	10	Chile	Cia.Sud Amer.de Vap.	New York, N. Y.	Valparaiso, Chile.	General	5,44
Deadritt	6		Amer	N. A. Kessler U. S. Army	Miami, Fla. Cristobal, C. Z. Cristobal, C. Z.	Los Angeles, Cal.	Ballast	
Locamonar 2	-29		Amer.	U. S. ArmyU. S. Army	Cristobal, C. Z.	Gatun, C. Z Gatun, C. Z	Ballast	
Temple Arch	9	10	Brit	Ministry of Supply.	Cardiff, Wales	Vancouver, B. C.	Ballast	
Saint Stephen.	9	10	Finn	Chadwick, Weir & Co.	Kosario, Arg	Los Angeles, Cal.	Ballast Corn (20)	6,40
Saint Stephen	9	10	Nor	Fern Line	Pt. Tampa, Fla	Shanghai, China	(20)	7,75
sembhan	9	10	Neth .	Royal Neth. S. S. Co.	Amsterdam, Neth	Surabaya, Java	General. Ballast General.	6,85
New Zealand Star 2	9	10	Brit	Blue Star Line	London, England Boston, Mass	Australia Seattle, Wash	Danast	
Iowan	9	11	Amer.	AmerHawaiian Line.	Rocton Mass	Seattle Wash	General	4,40

Tanker. ² Motor ship. ³ Motor schooner. ⁵ Launch. ⁶ Yacht. ⁷ Submarine. ⁸ Transport. ¹⁰ Mine sweeper. ¹³ Destroyer tender. ¹⁴ For bananas and return to Cristobal. ¹⁵ Gasoline, general. ¹⁶ Serap iron, general. ¹⁷ Steel, lubricating oil. ¹⁸ Steel, lead, general. ¹⁹ Iron, steel, general. ²⁰ Phosphates, general.

				ATLANTIC TO PA	cific—Continued			
	rived	eared	Nation-	Line	Po	ort	Cargo	
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From—	For—	Nature	Long
S-43 7. Vermont Ebba 2. Real 2.	 7 9 9	11	Amer Amer Pan	U. S. Navy Quaker Line Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Cristohal, C. Z New York, N. Y. Cristohal, C. Z Cristohal, C. Z	Balboa, C. Z Portland, Oreg Balboa, C. Z Balboa, C. Z	Ballast Ballast Ballast	7,197
Sona 2	9		Pan:	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
				PACIFIC TO	ATLANTIC			
Everasma	10 10	11 11	Latv Amer	Chile Nit. Sales Corp. Calmar Line	Tocopilla, Chile Seattle, Wash	Savannah, Ga Baltimore, Md	Nitrates	6,499 6,178
Cuango ² Mauna Kea	11 10	11 11	Pan Amer	Elliot Ship, & Land Co.	Seattle, Wash Darien, R. P Ahukini, T. H	Baltimore, Md Cristobal, C. Z Baltimore, Md	Bananas (15)	8.046
Tolosa	10 11	12 12	Nor Dan	Matson Nav. Co. Chile Nit. Sales Corp.	Tocopilla, Chile,	Baltimore, Md Norfolk, Va Baltimore, Md.	Nitrates	3,075 7,791
Laura Maersk ² . Malay ¹ . Porto Bello ² Tura ² .	11	11	Amer	Hans Isbrandtsen C. D. Mallory & Co.	Hongkong, China Tocopilla, Chile.	Baltimore, Md Galveston, Tex Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Raltimore, Md	Ballast	12
Tuira 2	10 11	11 12	Pan Pan	A. Tagaropulos. Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z.	Plantains Bananas	0.0
Sona ²	11 11	12	Pan Pan	Elliot Ship, & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	90
Chilore Modjokerto ²	12 11	12 13	Amer Neth	Elliot Ship. & Land Co. Ore S. S. Corp. Java-Pacific Line	Cruz Gr'de, Chile	Baltimore, Md Beira, E. Africa New York, N. Y.	Iron ore	21,700
Santa Barbara 2	11	12	Amer	Grace Line	Vancouver, B. C. Valparaiso, Chile.	New York, N. Y.	General General	5,289
Maria Stathatos	12 12	12 13	Amer Greek	AmerHawaiian Line. Chile Nit. Sales Corp.	Seattle, Wash	Boston, Mass Azores 17	General Nitrates	6,241 8,800
Tanimbar 2 Anniston City	12 12	13 13	Neth Amer	S. S. Nav. Co., Neth. Isthmian S. S. Lines.	Surabaya, Java Manila, P. I Auckland, N. Z	Halifax, Canada. Baltimore, Md	(18)	10,028
Mataroa	13	14	Brit	Shaw, Savill & Albion Royal Neth. S. S. Co.	Auckland, N. Z.	London England	General. Frozen, gen	$\begin{bmatrix} 8,439 \\ 5,723 \\ 260 \end{bmatrix}$
Draco ² . Asakasan Maru ² . General Wm. M.	13 13	16 13	Neth Jap	Royal Neth. S. S. Co. Mitsui Bussan Kaisya	Guayaquil, Ecua. Manila, P. I Balboa, C. Z	Cristobal, C. Z New York, N. Y. Cristobal, C. Z	General Coco. oil,gen.	
General Wm. M. Graham. 11	13		Amer	U. S. Army	Balboa, C. Z	Cristobal, C. Z	Tow. barge	
Platte 1 City of Baltimore.	12	14	Amer.	U. S. Navy	Balboa, C. Z S. Francisco, Cal.	Cristobal, C. Z.	Ballast	
Charleston	13 14	15	Amer	Panama-Pacific Line. U. S. Navy	S. Francisco, Cal. Balboa, C. Z	Cristobal, C. Z New York, N. Y. Cristobal, C. Z Cristobal, C. Z	General	6,386
Charleston. McCormick, No. 223. 9	14		Amer	U. S. Navy U. S. Navy	Balboa, C. Z Balboa, C. Z			
Kano Maru ² Baja California	13	15	Jap	Kokusai K. Kaisya	Manila, P. I	Houston, Tex Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z	(19)	8,361
Massolini 2	13 14	15 15	Hond	United Fruit Co Enrique Obarrio Royal Neth. S. S. Co.	Manila, P. I Quepos, C. R Darien, R. P	Cristobal, C. Z.	Ballast Bananas	70
Douro ² Colon ² Hindanger ² Inspiration	14 14	16 16	Neth Pan	Royal Neth. S. S. Co. Enrique Obarrio	Tumaco, Colom. Darien, R. P.	Cristobal, C. Z.	(20) Bananas	570 38
Hindanger 2	14	15	Nor	Enrique Obarrio General S. S. Corp	Los Angeles, Cal.	RiodeJaneiro, Dr.	Lumber, gen.	7,079
City of San Fran-	15 15	17 17	Nic Amer	Elliot Ship. & Land Co. Panama-Pacific Line.	B'ventura, Col Penang, Malay P.	Cristobal, C. Z. New York, N. Y.	Coffee General	642 6,404
eisco. Ebba ²	15	16	Pan	Elliot Ship. & Land Co.	Darien, R. P		Bananas	53
Ebba ² . Ceres. Sambu ² . Taranaki ² .	15 15	16	Neth	Royal Neth. S. S. Co.	SanAntonio, Chile	Cristobal, C. Z Cristobal, C. Z Cristobal, C. Z London, England	General	875
Taranaki 2	15	16	Pan Brit	Shaw, Savill & Albion	Darien, R. P Wellington, N. Z. Tacoma, Wash	London, England	General	55 7,486
Herman F. Whiton Black Heron	15 16	16 16	Amer	A. C. Dutton Lum. Co Isthmian S. S. Lines.	Tacoma, Wash Honolulu, T. H Auckland, N. Z	New York, N. Y. New York, N. Y. United Kingdom.	Lumber	17.250
Waiwera ² J. L. Luckenbach.	16 16	16 16	Brit Amer	Royal Neth. S. S. Co. Elliot Ship. & Land Co. Shaw, Savill & Albion A. C. Dutton Lum. Co Isthmian S. S. Lines. Shaw, Savill & Albion Luckenbach Line	Auckland, N. Z Seattle, Wash	United Kingdom.	Canec, sugar Frozen, gen.	10,140
Son Client 4	16	20	Brit	Henry A. Bram. Union Oil Co. of Calif.	Los Angeles, Cal.	Boston, Mass Glasgow, Scot	Ballast	8,911
La Brea ¹	16 16	17 17	Amer Swed	Ore S. S. Corp	Pt. San Luis, Cal. Cruz Gr'de, Chile	Savannah, Ga Baltimore, Md New York, N. Y.	Fuel oil Iron ore	$9,904 \\ 22,300$
Nightingale BonningtonCourt ²	16 17	17 17	Amer Brit	Grace Line Ministry of Supply Weyerhaeuser S.S. Co.	Talara, Peru	New York, N. Y.	(22)	8.623
Mahukona	16	17	Amer.	Weyerhaeuser S.S. Co.	Tacoma, Wash.	United Kingdom. New York, N. Y.	Lum., copper	3,731
Benmohr	17 17	18 18	Amer Brit	AmerHawaiian Line. Scales & Co.	Napier, N. Z	Boston, Mass United Kingdom.	General	8,547 3,935
Virginian Benmohr Cuango ² Kinai Maru ² Port Brisbane	18 17	19 19	Pan	Elliot Ship. & Land Co. Osaka Syosen Kaisya	N. Westm'er, B.C. Tacoma, Wash Portland, Oreg Napier, N. Z Darien, R. P. Santo Nino, P. I.	Cristobal, C. Z. Boston, Mass. United Kingdom.	Bananas Sugar, gen	55 7,853 7,460
Port Brisbane	17 18	19	Brit Amer	Port Line, Ltd.	Sydney, Australia	United Kingdom.	Frozen wool	
L-53 5. Sona 2. Real 2. Tuira 2. Maria Cristina 2.	18	19	Pan	U. S. Army. Elliot Ship. & Land Co.	Sydney, Australia Balboa, C. Z Darien, R. P Darien, R. P	Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Cristobal, C. Z. Colon, R. P. United Kingdom.	Ballast Bananas	00
Real ² Tuira ²	18 18	19 19	Pan	Elliot Ship, & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z.	Bananas	28 58
Maria Cristina 2 Dunkeld 2	18 18	18 19	Pan Brit	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Plantains	8,697
Westmoreland	19	20	Brit	Ministry of Food Fed. Steam Nav. Co.	Adelaide, Aust'lia Bluff, N. Z		Wheat Frozen, gen.	7,907
Port Antonio City of Los Angeles Firmore	19 18	$\frac{20}{20}$	Nor Amer	United Fruit Co Panama-Pacific Line	Quepos, C. R Penang, St. Set	Cristobal, C. Z. New York, N. Y. Baltimore, Md	Ballast	6,474
Firmore	19	19	Amer.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md	Iron ore	11,850

¹ Tanker. 2 Motor ship. 4 Tug. 5 Launch. 7 Submarine. 9 Destroyer. 13 Steel, Jubricating oil, general. 14 Wood pulp, lumber. 15 Sugar, ore, pines, canec. 15 Rubber, oils, metals. 19 Sugar, rubber, tin, silk. 22 Copper, cottonsced meal. 23 Lumber, wheat, lead. 24 Tin, rubber, general. 21 Lumber, canned goods, general. 24 Tin, rubber, general.

PACIFIC TO ATLANTIC-Continued

	rrived	eared	Nation-	Line	Po	Cargo		
Ship	Date arrived	Date cleared	ality	(Charterer or operator)	From-	For—	Nature	Long tons
Santa Elena	19	20	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	Copper, gen	5,404
Snarl 5	19 19	20	Amer.	R. E. Norris AmerHawaiian Line.	Balboa, C. Z Seattle, Wash	Miraflores, C. Z Baltimore, Md	Ballast General	7 401
Pennsylvanian Hoperange 2	19	20	Amer Brit	Ministry of Shipping	Vancouver, B. C.	United Kingdom.	(13)	7,401 8,731
Woodcock 4	20		Amer.	U. S. Navy	Balboa, C. Z	Cristobal, C. Z.		
Imperial 2	20	20	Chile	Cia Sud Amer, de Vap	Valparaiso, Chile.	Cristobal, C. Z. New York, N. Y. New York, N. Y. Cristobal, C. Z.	General	5,008
Makena	19	20	Amer	Weyerhaeuser S.S. Co.	Tacoma, Wash	New York, N. Y.	Lum., copper	3,590
Acajutla Macabi	19		Brit	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen	237
Macabi	20	21	Pan	United Fruit Co	Quepos, C. R	Boston, Mass	Ballast (14)	
Pennmar	20 20	20 23	Amer Col	Calmar S. S. Corp Cia. Col. de Cabotaje.	Tacoma, Wash.	Boston, Mass	Coffee	5,665 740
Istmo	20	21	Dan		B'ventura, Col Coguimbo, Chile.	Cristobal, C. Z New York, N. Y. New York, N. Y.	Mang. ore	1,900
TanjaBelray ²	20	21	Nor	J. Lauritzen Belships Co., Bergen	Ant'agasta, Chile	New York, N. Y.	(15)	3.881
Robert Lucken-	20	21	Amer	Luckenbach Line	Seattle, Wash	Boston, Mass	Lumber, gen.	8,29
bach.								
Fiddlers Green	6	23	Amer	Edmund Kelly	GalapagosIslands	Cristobal, C. Z.	Ballast	74
Mussolini 2	$\frac{21}{21}$	$\frac{22}{23}$	Pan	Enrique Obarrio	Darien, R. P	Cristobal, C. Z Cristobal, C. Z	Bananas	1,149
Colombia ² Sofie Bakke ²	21	24	Pan Nor	Elliot Ship. & Land Co. Knut Knutsen, O.A.S.	B'ventura, Col Talcahuano.Chile	United Kingdom.	Coffee, gen General	7,45
Lapwing 4	21	24	Amer	U. S. Navy	Balboa, C. Z	Cristobal, C. Z.	General	1,40
San Bruno	21	21	Pan	United Fruit Co	Pto. Arm'les, R.P.	Mobile, Ala	Bananas	673
Hibueras	21	23	Amer.	United Fruit Co	Cutuco, Salvador	Cristobal, C. Z.	Ballast	
Nero 2	21	24	Neth	Royal Neth. S. S. Co. AmerHawaiian Line.	Guayaquil, Ecua.	Cristobal, C. Z Cristobal, C. Z	(16)	52
Montanan	22	22	Amer.	AmerHawaiian Line.	Seattle, Wash	Boston, Mass	General	5,18
Cuango ² W. H. Berg ¹	22	23	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	11 00
W. H. Berg '	$\frac{22}{22}$	$\frac{22}{22}$	Amer.	Sun Oil Co	Los Angeles, Cal. N.Westm'er, B.C.	Delaware River United Kingdom.	Gasoline Lum., grain	11,88
Loch Don	22	23	Brit	Ministry of Supply Fed. Steam Nav. Co	Wellington, N. Z.	United Kingdom.	Frozen, gen	6,62
Columbia Star 2	22	23	Brit	Blue Star Line	Vaneouver, B. C.	London, England		
Telde	22	23	Hond.	United Fruit Co	La Libertad, Ecu.	New Orleans, La. Cristobal, C. Z. New York, N. Y.	(17)	63
Telde Tuira ²	22	23	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	5
Talisman 2	22	23	Nor	Barber Line	Dahican, P. I	New York, N. Y.	(18)	8,24
Pacific Enterprise ²	22	23	Brit	Furness, Withy & Co.	Victoria, B. C	Manchester, Eng.	Lumber, gen.	8,98
D. G. Scofield 1	22 23	23 23	Amer	Standard Oil of Calif.	S. Francisco, Cal.	Baltimore, Md S'ampton, Eng.	Asphalt	2 79
Hoperidge 2 Douro 2	23	25	Brit Neth	Ministry of Supply Royal Neth. S. S. Co.	N. Westm'er, B.C. Tumaco, Colom.	Cristobal C. Z	Lum., zinc (19)	8,98 11,27 8,72 57
Pereira	23	25	Pan	Grace Line	La Union, Salv	Cristobal, C. Z.	Coffee, gen.	1,11
Pereira Toa Maru ¹ ² J. Fred Talbot ⁹	23	24	Jap	Iino Shoji Kaisya	Corinto, Nic	Cristobal, C. Z. Tuxpan, Mexico Cristobal, C. Z.	Ballast	
J. Fred Talbot 9	24		Amer	U. S. Navy	Corinto, Nic Balboa, C. Z	Cristobal, C. Z.		
Florence Lucken	24	24	Amer	Luckenbach-Gulf Co.	Portland, Oreg	Mobile, Ala	Lumber, gen.	4,47
bach. ConteBiancamano	5		Ital	Italian Lina	Valnaraisa Chila	Genoa, Italy	General	3,33
Anatina 2	24	25	Nor	N. Pac. Shipping Co.	Valparaiso, Chile. Pt. Alberni, B. C.	Lorenzo Marques	(20)	7,83
Winona	24	25	Amer.	Weyerhaeuser S.S. Co.	Souttle Wash	Norfolk, Va	(21)	8,52
Anatina ²	25	26	Pan	Elliot Ship. & Land Co.	Darien, R. P Seattle, Wash Darien, R.P	Cristobal, C. Z.	Bananas	3
	25	25	Amer.	Calmar Line	Scattle, Wash	Baltimore, Md	Lum., pulp.	8,21
Ebba ²	25 25	26 26	Pan	Elliot Ship. & Land Co.	Darien, R.P	Cristobal, C. Z.	Bananas	8,05
Makawao	25 25	25	Brit	Pacific Steam Nav. Co	Paita, Peru	Liverpool, Eng	General Sugar	4,68
Sona 2	25	26	Pan	Matson Nav. Co Elliot Ship. & Land Co.	S. Francisco, Cal.	Baltimore, Md Cristobal, C. Z	Bananas	3,00
Real 2	25	26	Pan	Elliot Ship. & Land Co.	Darien, R. P Darien, R. P	Cristobal, C. Z	Bananas	3
Maria Cristina 2	25	25	Pan	A. Tagaropulos	Darien, R. P Balboa, C. Z	Colon. R. P Cristobal, C. Z	Plantains	6
J-94 5 Hopepeak ²	95		Amer.	A. Tagaropulos U. S. Army	Balboa, C. Z	Cristobal, C. Z.	Ballast	
Hopepeak 2	25	26	Brit	Ministry of Supply Ore S. S. Corp.	vancouver, b. C.	United Kingdom.	(22)	8,75
Santore Cripple Creek	$\frac{25}{26}$	26 26	Amer	Ministry of Supply	Cruz Gr'de, Chile	Baltimore, Md	Iron ore Wheat	11,50 8,49
Fjordheim	26	26	Nor	Ministry of Supply	Sydney, Aust'lia.	Philadelphia, Pa.	Nit., iodine	6,47
Fluor Spar	26	26	Amer.	Chile Nit. Sales Corp. Isthmian S. S. Lines.	Tocopilla, Chile. Kahului, T. H Everett, Wash	Savannah, Ga New York, N. Y. Mobile, Ala United Kingdom.	Sugar, canec.	
Tulon	26	26	Amer	Isthmian S. S. Lines	Everett, Wash	Mobile, Ala	General	4,59
Rangitata ² YP-10 ⁵	26	27	Brit	N. Z. Shipping Co U. S. Navy	Auckland, N. Z Balboa, C. Z	United Kingdom.	Frozen, gen.	7,44
YP-10 5	26		Amer	U. S. Navy	Balboa, C. Z	Cristobal, C. Z Savannah, Ga	Ballast	
La Piacentia 1	25 27	27	Amer	Union Oit of Calif	Pt. S. Luis, Cant.	Savannah, Ga	Crude oil	11,67
Lebore H. D. Collier 1	26	27	Amer.	Ore S. S. Corp. Standard Oil of Calif.	Cruz Gr'de, Chile	Baltimore, Md	Iron ore	11 79
San Francisco 2	10	27 27	Amer Swed .	Johnson Line	Los Angeles, Cat. Valparaiso, Chile.	Philadelphia, Pa S. Ped. de Macoris	(23)	2,00
Poelan Lant 2	26	27	Neth	St'vaart Maatschaapy	Surabaya, Java.	Philadelphia, Pa.	Gasoline (23) General	9,30
Inswich	26	27	Amer.	Arrow Line	Portland, Oreg	New York, N. Y.	Lumber	7,11
Overton ":	27		Amer.	U. S. Navy	Balboa, C. Z	New York, N. Y. Cristobal, C. Z New York, N. Y.		
Santa Teresa	26	27	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	Gen, copper.	6,79
Paul Luckenbach	27 27	27 27	Amer.	Luckenbach Line	Seattle, Wash	Boston, Mass	Gen., lumber	8,56
Alabaman Colombia ²	27	27	Amer Pan	AmerHawaiian Line. Elliot Ship. & Land Co.	Portland, Oreg B'ventura, Col	Boston, Mass Cristobal, C. Z	Gen., lumber Coffee, gen.	1,17
Colomina	27	29	Jap	Osaka Syosen Kaisya	Dairen, China	Philadelphia, Pa.	General	7,17 1,07 3,44
Hokkai Maru 2		20	0 000	Country of the Landing a.	and the contraction	Transfer I a.	Carrie I control i i i	0 04
Hokkai Maru 2 Port Wellington	27	29	Brit	Port Line, Ltd	Sydney, Aust ha	United Kingdom.	Refrig., gen	0,94
Port Wellington West Notus	27	28	Brit Amer	Port Line, Ltd McCormick S. S. Co.	Sydney, Aust ha. Seattle, Wash	Philadelphia, Pa.	Refrig., gen Lumber, gen.	6,94 7,64
Hokkai Maru ² Port Wellington West Notus Davie ⁵ Tuscaloosa City			Amer		Sydney, Aust'lia. Seattle, Wash Balboa, C. Z Portland, Oreg	Philadelphia, Pa. Cristobal, C. Z. Baltimore, Md.	Refrig., gen. Lumber, gen. Ballast Lumber, gen.	7,64

¹ Tanker. ² Motor ship. ⁴ Tug. ⁵ Launch. ⁹ Destroyer. ¹³ Wheat, lumber, zine. ¹⁴ Lumber, wood pulp. ¹⁵ Copper, ore, concentrates. ¹⁶ Rice, balsa, coffee. ¹⁷ Bananas, coffee. ¹⁸ Sugar, oil, general. ¹⁹ Coffee, empty bottles. ²⁰ Lumber, lead, fish. ²¹ Lumber, ore, copper. ²² Grain, metal, wheat. ²³ Nitrates, bran, pollards.

PACIFIC TO ATLANTIC—Continued

				PACIFIC TO ATES	.NTIC—Continued			
	Date arrived	Date cleared	Na ion-	Line	Po	ort	Cargo	
Ship	Date a	Date c	ality	(Charterer or operator)	From-	For—	Nature	Long tons
El Grillo ¹ Steel Scientist Pericles ²	28 28 28	29 29	Brit Amer Neth	C. T. Bowring & Co. Isthmian S. S. Lines. Royal Neth. S. S. Co.	Cabo Bl'co, Peru. Singapore, St. Set. Valparaiso, Chile.	United Kingdom. New York, N. Y. Cristobal, C. Z	Crude oil Rub., sugar .	9,932 8,452 3,423
	29 28 29 29	30 30 30 30	Pan Brit Brit Colom.	Elliot Ship. & Land Co. Ministry of Supply. Ministry of Supply. Cia. Col. de Cabotaje.	Darien, R. P. Auckland, N. Z. Vancouver, B. C. B'ventura, Col.	Cristobal C. Z United Kingdom. United Kingdom. Cristobal, C. Z	Bananas Frozen, gen. Lum., grain Coffee	53 5,979 9,400 749
Ruahine Goodleigh Istmo Draco ² Eureka Colon ² Tuira ² Sussland ²	29 29 28 29	30 30 30	Neth Pan Pan	Royal Neth. S. S. Co. Seaboard Ship. Co. E. Obarrio	B'ventura, Col Guayaquil, Ecua. N.Westm'er, B.C. Darien, R. P	Cristobal, C. Z. Cristobal, C. Z. New York, N. Y. Cristobal, C. Z. Cristobal, C. Z.	Coffee (14) Lumber Ballast	489 3,226 60
Port Halifax 2	29 29 29	30 7-1 30	Pan Swed Brit Amer	Elliot Ship. & Land Co. Ore S. S. Corp. MAN.Z. Line Ministry of Supply. United Fruit Co	Darien, R. P Cruz Gr'de, Chile Australia Sydney, Aust'lia Armuelles, R. P.	Baltimore, Md Canada Philadelphia, Pa.	Bananas Iron ore Frozen, gen. Wheat	22,300 8,479 9,243
Tela	29 30 30 30	30 1	Hond Pan Amer Amer	United Fruit Co Grace Line. U. S. Army R. L. Williston	Armuelles, R. P B'ventura, Col Balboa, C. Z Balboa, C. Z	Mobile, Ala Cristobal, C. Z New York, N. Y. Cristobal, C. Z	Bananas Coffee, gen	780 1,135 157
Teal ⁵	30 30 28	1 1 1	Neth Amer Chile	Rotterdamsche Lloyd. Isthmian S. S. Lines. Chilean Navy	Mahukona, T. H. Valparaiso, Chile.	New Orleans, La. New York, N. Y. Galveston, Tex.	(15) Ballast	10,090 6,522
Port Darwin Kunikawa Maru ² Aconcagua ² Tuscan Star ²	30 30 1 30	2 2 2 1	Brit Jao Chile Brit	Port Line, Ltd. Kawasaki K. Kaisya. Cia. Sud Amer, de Vap. Br. Admiralty Control	Wellington, N. Z. Keelung, Formosa Talcahuano Chile	United Kingdom. New York, N. Y. New York, N. Y. United Kingdom.	General General General Refrigerated	7,662 5,809 4,253 6,570
Agwistar La Cordillera ² Kaimata ² Vermar	1 1 1	2 2 3 2	Amer Brit Brit Amer	Br. Admiralty Control Anglo-Chile Nit. Co. Ministry of Shipping. MAN. Z. Line. Calmar S. S. Corp	Bluff, N. Z Tocopilla, Chile. N. Westm'er, B. C. Melbourne, Aust.	Savannah, Ga United Kingdom.	Nitrates	7,100 8,489 7,300 7,787
W. R. Keever Santa Maria ² Maria Cristina ²	2 2 2 2 2 2 2 2 2	2 3 2	Amer Amer Pan	Grace Line	Melbourne, Aust. Aberdeen, Wash. Olympia, Wash. Callao, Peru. Darien, R. P	Montreal, Canada New York, N. Y. Camden, N. J. New York, N. Y. Colon, R. P. Cristobal, C. Z.	Lumber Lumber General Plan., lum	7,500 4,465 12
Sambu ²	2 2 2 1	4 5 4	Pan Pan Pan Amer.	Elliot Ship, & Land Co. Elliot Ship, & Land Co. Elliot Ship, & Land Co. E. T. Bleakley	Darien, R. P. Darien, R. P. Darien, R. P. Gamboa, C. Z.	Cristobal, C. Z.	Bananas Bananas Bananas Ballast	55 38 25
Simnia 1 2. Columbian. Derrymore 2. Hopecrest 2.	1 2 2 2 3 2 3 3	3 3	Brit Amer Brit	Anglo-Saxon Pet. Co. AmerHawaiian Line. Ministry of Shipping. Anglo-Can. S. S. Co.	S. Francisco, Cal. Seattle, Wash Chemainus, B. C.	Lands End, Eng. New York, N. Y. United Kingdom. United Kingdom.	Gasoline, gen Lumber, gen.	6,653 8,850
Woodcock	3 3	3 4 5 6	Brit Amer Amer Pan	U. S. Navy Elliot Ship, & Land Co.	N.Westm'er,B.C. Manila, P. I. Balboa, C. Z. B'ventura, Col. N.Westm'er,B.C.	Cristobal, C. Z. Cristobal, C. Z.	Lead, lumber (18) Tow. barge Coffee, gen	\$,615 7,850 1,148
Vernon City Argual Salvador Indian Prince 2	1 3 3 3	3	Brit Hond Brit Brit	Reardon-Smith Line United Fruit Co Pacific Steam Nay, Co.	Quipos, C. R San Jose de Guat.	United Kingdom. Mobile, Ala Cristobal, C. Z London, England	(18) Bananas (19) (16)	8,200 732 842 9,496
Indra ²	4 3 4	4 4 4	Amer Nor Amer	Furness, Withy & Co. Ore S. S. Corp. Chile Nit. Sales Corp. Lykes Bros. S. S. Co. Matson Nav. Co.	Tacoma, Wash Cruz Gr'de, Chile Toeopilla, Chile Cebu, P. I	Baltimore, Md	Iron ore Nitrates Copra, sugar	21,500 7,628 8,000
Mana Ningpo ² La Paz ² Minnesotan	3 4 4 3	4 4 5 4	Amer Swed Brit Amer	De La Rama S. S. Co. Pacific Steam Nav. Co AmerHawaiian Line.	Manila, P. I. Valparaiso, Chile.	New Orleans, La. New York, N. Y. New York, N. Y. Liverpool, Eng Baltimore, Md	Ref. sugar (20) (21) General	4,482 8,752 8,367 7,702
Julia Luckenbach. Dido 2 Pennsylvania	4 4 4	5	Amer. Neth Amer	Luckenbach Line Royal Neth. S. S. Co. Sun Oil Co	Portland, Oreg Seattle, Wash B'ventura, Col El Segundo, Cal	Boston, Mass Cristobal, C. Z Marcus Hook, Pa.	Lumber, gen. Coffee, gen. Gasoline	7,618 536 17,726
Illinois ¹ . Loriga ² . Mussolini ² . La Pampa ² .	4 4 5	5 6 6	Amer Brit Pan	The Texas Co	Los Angeles, Cal. Talcahuano, Chile Darien, R. P	Houston, Tex Liverpool, Eng Cristobal, C. Z	Gasoline Cotton.gen. Bananas	8,135 7,900 88 7,204
Rodsley ² Besholt ² Cachapoal	4 4 4	5 6 6 6	Brit Brit Nor Chile	Ministry of Shipping Ministry of Shipping. De La Rama S. S. Co. Cia.Sud.Amer.deVap. Kellogg S. S. Corp.	N.Westm'er,B.C. Crofton Shanghai, China. Valparaiso, Chile. Manila, P. I.	United Kingdom. United Kingdom. New York, N. Y. New York, N. Y. New York, N. Y.	Wheat, tim. Metal, lum. (22) Copper, oats	8,450 8,369
Elizabeth Kel- logg. ¹ Ucayali	5 4 5	5 6 6	Peru Amer	C. P. V. D United Fruit Co	Callao, Peru	New York, N. Y. Boston, Mass	Sugar, gen Bananas	3,659 1,589
Nero ²	5 5 5	8 6 6	Neth Amer Neth	Royal Neth. S. S. Co. Luckenbach Line Holland-Amer. Line	Guayaquil, Ecua. Los Angeles, Cal. Pro'linggo, Java	Cristobal, C. Z. New Orleans, La. New York, N. Y.	Lumber, gen. General	163 7,232 7,040
Orotava Fortuna ² Port Caroline	6 6	7 7 7 8	Hond Pan Brit	United Fruit Co Elliot Ship. & Land Co. Port Line, Ltd Shaw, Savill & Albion	Pto. Arm'les, R. P. Darien, R. P Adelaide, Aust'lia	New Orleans, La. Cristobal, C. Z. United Kingdom. United Kingdom.	Bananas, gen Bananas Frozen, gen	758 80 7,475
Mahia	0	0	Brit	onaw, oaviii & Albion	Sydney, Aust'lia.	United Kingdom.	Frozen, gen.	7,781

¹ Tanker. ² Motor ship. ⁵ Launch. ⁸ Transport. ¹² Copper, rice, general. ¹⁴ Rice, tagua, balsa. ¹⁵ Sugar, pines, general. ¹⁵ Lead, lumber, zine. ¹⁷ Wheat, lumber, lead. ¹⁸ Sugar, hemp, ore, general. ¹⁹ Wood, coffee, general. ²⁰ Sugar, hemp, canned fish. ²¹ Tin ore, sugar, cotton. ²² Sugar, ore, general. ²³ Ivory nuts, general.

PACIFIC TO ATLANTIC-Continued

an i			Nation-	Line	Pe	ort	Cargo	
Ship	Date 2	Date	ality	(Charterer or operator)	From-	For	Nature	Long tons
Sanuki Maru ² Tuira ² Losmar Andrea F. Luck- enbach.	6 6 6	7 7 7 7		Nippon Yusen Kaisya Elliot Ship, & Land Co. Calmar S. S. Corp Chile Nit, Sales Corp.	Kobe, Japan Darien, R. P Tacoma, Wash Ant'fagasta, Chile	Baltimore, Md Cristobal, C. Z Albany, N. Y Savannah, Ga	General Bananas Lumber Nitrates	7,169 65 7,069 13,600
Cubore	7 7 6 8 8	7 7 8 	Amer Amer Neth Nic Pan	Ore S. S. Corp. AmerHawaiian Line. Royal Neth. S. S. Co. Cia. Col. de Cabotaje. United Fruit Co	Cruz Gr'de, Chile Portland, Oreg Guayaquil, Ecua. B'ventura, Col B'ventura, Col	Baltimore, Md Boston, Mass Barranquilla, Col. Cristobal, C. Z New Orleans, La.	Iron ore Lumber, gen. (13) Coffee, rice Ballast	10,700 9,142 1,173 603
Cambridge Tatuno Maru Marore Nitro	8 8 8 6	9 9 9 10	Brit Jap Amer Amer	Fed. Steam Nav. Co. Nippon Yusen Kaisya Ore S. S. Corp. U. S. Navy.	Bunbury, N. Z Iloilo, P. I Cruz Gr'de, Cbile Honolulu, T. H	United Kingdom. New Orleans, La. Baltimore, Md Norfolk, Va	Frozen, gen. Sug., ore, gen. Iron ore General.	22,500 191
Elusa ¹ ² . L-41. West Cactus. Cuango ² . Ebba ² .	9 8 9 9	9 10		Anglo-Saxon Pet. Co. U. S. Army McCormick S. S. Co. Elliot Ship. & Land Co. Elliot Ship. & Land Co.	Balboa, C. Z. Balboa, C. Z. Vancouver, B. C. Darien, R. P. Darien, R. P.	Aruba, N. W. I Cristobal, C. Z. Pt.ofSpain,B.W.I. Cristobal, C. Z. Cristobal, C. Z.	Ballast Tow. barge. Lumber, gen. Bananas Bananas	55 49
Santa Clara ² Modavia ² Ladv Glanely ² Real ² Sona ²	9 8 8 9 9	10 10 10 10 10	Amer Brit Brit Pan	Grace Line Donaldson Line Ministry of Shipping Elliot Ship. & Land Co. Elliot Ship. & Land Co.	SanAntonio, Chile Victoria, B. C Seattle, Wash Darien, R. P Darien, R. P	New York, N. Y. Glasgow, Scot England Cristobal, C. Z. Cristobal, C. Z.	(14) (15) (16) Bananas	5,437 5,842 9,600 33 30
Maria Cristina ² Dan-Y-Bryn Manoa Edwin Christenson.	9 8 9 9	9 10 10 10	Pan Brit Amer Amer	A. Tagaropulos Ministry of Shipping Matson Nav. Co. Sudden & Christenson	Darien, R. P N.Westm'er, B.C. Pt. Allen, T. H. Scattle, Wash	Colon, R. P United Kingdom. New York, N. Y. Baltimore, Md	Plantains General Raw sugar Lumber	9,460 7,030 7,337
Edward Lucken- bach. Maine Sydney Star ²	9 9	10		Luckenbach Line States S. S. Co British Admiralty	Seattle, Wash Portland, Oreg Pt.Chalmers, N.Z.	Boston, Mass New York, N. Y. United Kingdom.	Lumber	7,800 8,904
Anglo-Peruvian Sinaloa MontgomeryCity.	10 10	10		Ministry of Shipping United Fruit Co Isthmian S. S. Lines.	Vancouver, B. C. Acajutla, Salv Kahului, T. H	United Kingdom. Vew York, N. Y. Baltimore, Md		9,300 1,439 8,607

¹ Tanker. ² Motor ship. ¹³ Rice, coffee, cacao. ¹⁴ Copper, bananas, general. ¹⁵ Lumber, lead, general. ¹⁶ Wheat, lumber, lead, zinc. ¹⁷ Coffee, skins, general. ¹⁸ Sugar, pines, canec.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, at the following prices: Per ton of 2,240 lbs.

(a) Coal delivered to vessels at Coaling Plants, trimmed in	Cristobal- Colon	Balboa
bunkers	\$7.75	\$10.75
(b) Coal delivered to vessels by lighters from Cristobal Coaling Plant, trimmed in bunkers	8.25	
A flat charge of \$52.50 for lighterage on any quantity delivered will be made in addition to the basic price per ton.		
(c) For sacking lump coal for galley use, or other grades of coal, in addition to the basic price per ton.		
Labor, etcSacks, when furnished by Coaling Plant	3.00 2.00	3.00 2.00
If delivery is made at points other than the Coaling Plant, an extra charge covering the cost of delivery will be made.		

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks

of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, \$1.10 per barrel at Cristobal and Balboa; Diesel oil, \$1.80 per barrel at Cristobal and Balboa.

Commercial Traffic Through the Panama Canal During Fiscal Year 1940

Segregation of the ocean-going traffic through the Canal during the fiscal year 1940. by nationality, is presented in the following table:

TRAFFIC THROUGH THE PANAMA CANAL DURING FISCAL YEAR 1940 BY NATIONALITY OF VESSELS

	No.		TONNAGE			Tons
Nationality	of tran- sits	Panama Canal net	Registered gross	Registered net	Tolls	of cargo
Argentine British Chilean Colombian Danish Egyptian Finnish French German Greek Honduran Hungarian Italian Japanese Latvian Mexican Notherland Nicaraguan Norwegian Penamanan Penamanan Penamanan Penamanian Soviet Spanish Swedish United States United States Urugoslav	1,073 38 19 174 7 7 7 7 3 3 93 55 175 81 1 46 272 27 4 340 7 557 243 6 110 1,997	5,773,030 172,172 8,588 628,164 28,201 9,351 378,366 217,902 785,614 127,256 3,932 319,390 1,600,295 22,237 1,483 626,638 2,583,264 463,965 10,344 67,760 14,533 13,807 23,710 503,639 9,688,743 1,231 114,168	7, 183, 615 253, 392 11, 533 696, 397 33, 491 11, 340 504, 354 271, 213 919, 087 218, 226 4, 323 509, 098 2, 162, 006 29, 012 2, 518 737, 918 4, 361 2, 332, 868 660, 181 1, 55, 598 71, 561 16, 369 18, 058 30, 378 30, 378 1, 011, 211 12, 639, 745 136, 084	4,366,324 150,242 7,999 421,865 22,954 6,515 280,558 157,326 564,231 122,484 2,737 302,994 1,309,213 17,632 2,436 422,451 2,436 1,54,229 384,081 9,716 42,439 10,209 10,572 18,338 472,258 7,996,026 1,120 84,319	\$3,977.00 5,023,216.18 154,265.22 7,322.40 557,805.23 23,195.34 8,038.44 335,518.56 196,040.34 670,334.04 108.846.54 3,538.80 286,021.80 20,013.30 2,934.70 551,890.00 2,258.28 2,177,121.60 333,076.98 9,191.88 60,984.00 12,382.0 15,243.80 19,205.16 431,678.52 8,539,231.68 886.32 97,477.02	5, 182, 351 121, 571 9, 041 695, 884 29, 224 12, 640 341, 366 229, 495 994, 836 70, 710 7, 028 171, 512 1, 863, 619 43, 043 1, 897 617, 948 4, 106 2, 905, 772 513, 708 9, 341 90, 173 19, 387 18, 278 22, 390 791, 083 12, 384, 617
Total fiscal year 1940	5,370	24,144,366	31,085,719	18,642,955	21,144,675.36	27,299,016
Total fiscal year 1939	5,903	27,170,007	34,583,085	20,745,286	23,661,021.08	27,866,627
Total fiscal year 1938	5,524	125,950,000	32,918,177	19,621,870	23,169,888.70	27,385,924

¹ Estimated tonnage under rules which became effective March 1, 1938.

Floating craft, other than merchant vessels, including foreign warships, pay tolls on displacement tonnage at 50 cents per displacement ton. Included in the preceding tabulation of transits and tolls but not of tonnages, are the following 21 naval vessels of 500 tons displacement and over and 3 dredges which transited the Canal during the fiscal year 1940 and paid tolls on displacement:

Nationality	Type of vessel	No. of transits	Displace- ment tonnage	Tolls
Argentine British Mexican Netherland Soviet		1 17 2 1 3	7,954 94,538 3,200 999 5,635	\$3,977.00 47,269.00 1,600.00 499.50 2,817.50

Provisions Required by Ships

Commissary Division, Panama Railroad Company, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats (including native beef), ice, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices.

Orders may be placed in advance by radio for delivery on arrival, or at either

terminal for prompt delivery, or for delivery at the other terminal after transit.

Note.—The above statement includes only ocean-going commercial traffic of 300 net tons and over, Panama Canal measurement, and foreign naval vessels of 500 tons displacement and over.

Directory of The Panama Canal

Evecutive Department

Headquarters, Balboa Heights

Col. GLEN E. EDGERTON, U. S. A., Governor.

E. A. Erbe, Special Assistant to the Governor.

L. A. Poltrino, Secretary.

F. H. WANG, Executive Secretary.

C. M. LUPFER, Chief Clerk.

PAUL A. BENTZ, General Counsel. GUY JOHANNES, Chief, Police and Fire Division.

C. H. CALHOUN, Chief, Division of Civil Affairs. BEN M. WILLIAMS, Superintendent, Division of Schools.

SEYMOUR PAUL, Director of Personnel, Division of Personnel Supervision and Management.

E. F. Attaway, General Secretary, Bureau of Clubs and Playgrounds, Balboa. V. S. Bowen, Acting Chief, Real Estate Section, Panama Railroad Co., Ancon.

Capt. Charles Sommers, U. S. A., Senior Aeronautical Inspector.

C. L. BRYAN, Paymaster. A. H. Mohr, Collector.

Department of Operation and Maintenance

(Under immediate direction of the Governor assisted by the Engineer of Maintenance)

Headquarters, Balboa Heights

Col. R. A. Wheeler, U. S. A., Engineer of Maintenance.
J. G. Claybourn, Superintendent, Dredging Division, Gamboa.

LEONARD FOOTE, Assistant Superintendent, Dredging Division, Gambon. Lt. Col. T. B. Larkin, Supervising Engineer, Special Construction Division, Diablo Heights.

J. C. SWANSON, Safety Engineer, Safety Section, Diablo Heights. E.S. RANDOLPH, Designing Engineer, Special Engineering Division. W. H. DUNLOP, Chief of Plans Section.

Lt. Col. D. L. Weart, U. S. A., Assistant Engineer of Maintenance. Lt. T. DeF. Rogers, Associate Planning Engineer.

A. C. Garlington, Electrical Engineer, Electrical Division.
G. W. Green, Municipal Engineer, Division of Municipal Engineering.
L. B. Moore, Office Engineer, Office Engineering Division.

R. B. ELY, Chief of Surveys.

E. D. STILLWELL, Superintendent, Locks Division, Pedro Miguel. G. E. Matthew, Chief Hydrographer.

Capt. S. A. Manahan, U. S. N., Marine Superintendent, Marine Division. Comdr. Nicholas Vytlacil, U. S. N., Captain of the Port, Cristobal. Comdr. George T. Howard, U. S. N., Captain of the Port, Balboa.

Lt. W. H. PRICE, U. S. N., Assistant to Marine Superintendent. F. DE V. SILL, Director of Admeasurement.

Board of Local Inspectors, Comdr. Nicholas Vytlacil, U. S. N., *Chairman*, Comdr. George T. Howard, U. S. N., and Lt. W. H. Price, U. S. N., members.

BOARD OF ADMEASUREMENT, Capt. S. A. MANAHAN, U. S. N., Chairman, F. DE V. SILL, F. E. WILLIAMS, Cristobal, E. Stetler, Balboa, members. John J. Walker, Recorder for Board of Local Inspectors and Board of Admeasurement.

O. MAESSEN, Inspector of Hulls and Boilers.

G. W. Penseyres, Pilot in Charge, Lighthouse Subdivision, Gatun.

Capt. E. R. Norton, Construction Corps, U. S. N., Superintendent, Mechanical Division, Balboa.

H. H. Evans, Assistant Superintendent, Mechanical Division, Balboa.

Lt. Robert A. Hinners (C. C.), U. S. N., Assistant to the Superintendent, Mechanical Division, Balboa.

W. H. STONE, Production Superintendent, Cristobal Shops, Cristobal.

Supply Department

Headquarters, Balboa Heights

Roy R. Watson, Chief Quartermaster,

J. H. K. HUMPHREY, 1st Asst. Chief Quartermaster.

J. M. King, District Quartermaster, Ancon-Balboa, Balboa Heights.

B. T. CARR, District Quartermaster, Ancon-Balboa, Balboa Heights.
B. T. CARR, District Quartermaster, Cristobal-Gatun, Cristobal.
G. H. CASSELL, District Quartermaster, Pedro Miguel-Gamboa, Pedro Miguel.
W. R. Lindsay, Director, Canal Zone Experiment Gardens, Balboa Heights.
L. W. Lewis, 2d Asst. Chief Quartermaster.

FAY E. POWELL, Constructing Quartermaster.
P. G. ILLWITZER, General Storekeeper, Balboa.
SAMUEL GRIER, Superintendent, Animal and Motor Transportation Division, Ancon.

T. A. Aanstoos, Printer, Panama Canal Press, Mt. Hope.

Accounting Department

Headquarters, Balboa Heights

WILSON H. KROMER, Comptroller.

ARNOLD BRUCKNER, Assistant Comptroller on the Isthmus.

CARL F. CHASE, Chief Accountant.

WILLIAM E. TAYLOR, Principal Accountant.
T. M. DRAKE, Chief Examiner.
H. H. Hudson, Claim Officer.
J. R. Bobbitt, Railroad Accountant.

Health Department

Headquarters, Balboa Heights

Col. M. C. STAYER, U. S. A., Chief Health Officer.

Dr. D. P. Curry, Assistant Chief Health Officer.

Dr. K. O. COURTNEY, Assistant to Chief Health Officer.

Surgeon G. J. VanBeeck, U. S. P. H. S., Chief Quarantine Officer. Dr. Philip Horwitz, Quarantine Officer, Cristobal.

Dr. J. D. Odom, Quarantine Officer, Cristobal.
Dr. J. D. Odom, Quarantine Officer, Balboa.
Col. Michael A. Dalley, U. S. A., Superintendent, Gorgas Hospital, Ancon.
Lt. Col. H. C. Dooling, U. S. A., Superintendent, Colon Hospital, Cristobal.
Lt. Col. Cleve C. Odom, U. S. A., Superintendent, Corozal Hospital, Corozal.
Dr. J. C. Ellington, Health Officer of Panama City, Ancon.
Dr. J. L. Byrd, Health Officer of Cristobal-Colon, Cristobal.

Wage and Complaints Boards

Balboa Heights

Wage Board:

Lt. Col. D. L. Weart, representing The Panama Canal.

CHARLES F. WAHL, representing employees.

Complaints Board:

Lt. Col. D. L. Weart, and head of Department or Division interested, representing The Panama Canal.

CHARLES F. WAHL, representing employees.

The Panama Canal in the United States

Address, 1435 K Street N. W., Washington, D. C.

B. F. Burdick, Chief of Office and General Purchasing Officer.

F. B. HEIMER, Assistant to the Chief of Office.
E. D. Anderson, Chief Clerk, Purchasing Department.
E. B. DeGraw, Acting Assistant Comptroller.

P. P. Greenwood, Inspecting Engineer. W. J. Sheridan, Assistant Purchasing Agent, 24 State St., New York, N. Y

Panama Railroad Company

Headquarters Balboa Heights

Brig. Gen. C. S. RIDLEY, U. S. A., President. Col. GLEN E. EDGERTON, U. S. A., Second Vice President.

C. T. LINDSAY, General Manager.

E. D. Mason, Assistant to General Manager. J. H. STILSON, JR., Commercial Agent.

P. L. Malone, Master of Transportation.
E. N. Stokes, Roadmaster.
A. L. Prather, Receiving and Forwarding Agent, Cristobal.

W. H. KROMER, Comptroller.

C. L. BRYAN, Paymaster.
A. H. Mohr, Collector.
R. R. Watson, Chief Quartermaster.

J. H. K. HUMPHREY, Assistant Chief Quartermaster.

A. W. GOULET, General Manager, Commissary Division, Mt. Hope. Jas. E. Lewis, Manager, Hotel Tivoli, Ancon.

D. J. HENDRICK, Manager, Hotel Washington, Cristobal.

Dr. T. L. Casserly, Manager, Mindi Dairy, Mt. Hope. Capt. E. R. Norton, Construction Corps, U. S. N., Mechanical Superintendent.

Lt. Col. D. L. Weart, U. S. A., Assistant Engineer of Maintenance. A. C. Garlington, Electrical Engineer.

F. H. WANG, Special Counsel. I. O. COLLINS, Counsel.

Office in the United States, 24 State Street, New York City

T. H. Rossbottom, Vice President.

W. R. PFIZER, Third Vice President and Secretary.

G. R. SELKIRK, Treasurer.

W. L. HALL, Auditor. W. K. B. Potts, Superintendent.

WAYNE JOHNSON, General Counsel. W. M. LLOYD, Freight Traffic Manager. W. G. Fitch, Passenger Traffic Manager.

W. I. Sheridan, Commissary Purchasing Agent.

Courts of Canal Zone

Ancon, C. Z.

U. S. District Court:

BUNK GARDNER, District Judge. HERBERT H. HUNT, Jr., Clerk of Court.

Miss Dorothy Sellars, Deputy Clerk of Court. Miss SARAH DE LA PENA, Deputy Clerk of Court.

C. T. McCormick, Jr., Deputy Clerk of Court, Cristobal.

R. S. Love, Secretary to Judge and Court Reporter.

J. J. McGuigan, District Attorney.
Paris T. Houston, Assistant District Attorney.

JOHN E. HUSHING, Marshal of the United States in and for the Canal Zone FRANK H. BASSETT, Jr., Deputy Marshal of the United States in and for the Canal Zone.

Magistrates Courts.

C. G. DECKER, Magistrate, Balboa.

E. I. P. TATELMAN, Magistrate, Cristobal.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides:

From Colon: Daily, 7:00 a. m.; 11 a. m.; 5 p. m.;

10 p. m.,
From Panama: Daily, 7:05 a. m.; 1:10 p. m.;
5 p. m.; 7:55 p. m.
The time required for passage from one terminal to the other is 1 hour and 25 minutes.

Binders for The Panama Canal Record

Cardboard covers, punched and fitted with brass fasteners forming binders for THE PANAMA CANAL RECORD are offered for sale at 25 cents a set, for the benefit of those who wish to keep a file of the issues for ready reference. Orders may be addressed to The Panama Canal, Balboa Heights, Canal Zone, or The Panama Canal, Washington, D. C.

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